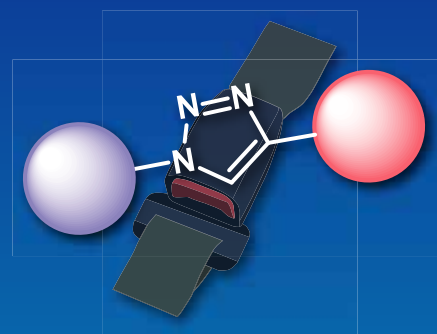
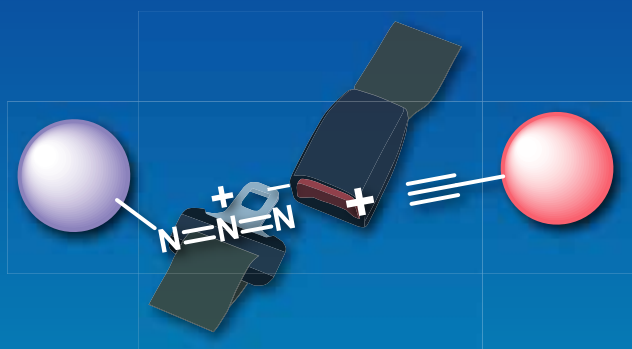


# 点击化学

Click Chemistry

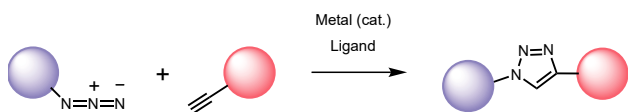


# 点击化学

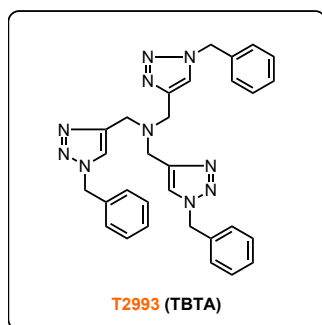
“点击化学”这一术语由斯克里普斯研究所的K. B. Sharpless于2001年首次提出，这是一类涉及碳-杂原子间化学键形成的反应，该类反应具有收率高，选择性优秀的特点。术语“点击”意为将分子片段拼接起来就像将安全带扣环的两部分扣起来一样简单。通常，点击化学的定义如下：

1. 目标产物的化学产率非常高
2. 是简单易得的砌块的结合
3. 几乎没有副产物生成
4. 产品分离过程简单，无需采用色谱法进行分离
5. 反应可以在水和有机溶剂中进行

有很多反应都符合这个标准，其中叠氮化物和炔烃的Huisgen 1,3-偶极[3 + 2]环加成反应<sup>1)</sup>是这一领域的领跑者。一般情况下，1,2,3-三唑环几乎不会被氧化或被还原，这使得它可以牢固地连接两个底物。



在Huisgen反应中，通常需要用金属催化剂比如硫酸铜等来加速反应的进行。曾有报道指出，三[(1-苯甲基-1*H*-1,2,3-三唑-4-基)甲基]胺(TBTA)[**T2993**]和催化剂结合后呈现出了极佳的反应活性<sup>2)</sup>。

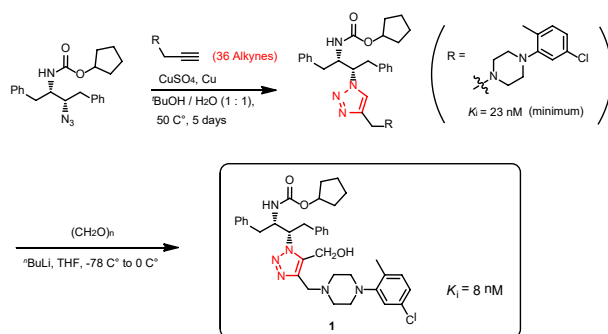


该反应体系几乎能100%地生成目标产物，且无需采用重结晶或者柱层析等方法进一步纯化。因此，该方法是环境友好型反应。再者，各种炔烃和叠氮化物的结合可快速构建大量的化合物库，且1,2,3-三唑本身具有多种生物活性，如抗过敏或者抗菌活性。另外，该反应即使在水里也能进行，因此，点击化学被广泛应用于以下研究领域。

## ● 多种先导候选药物的研究

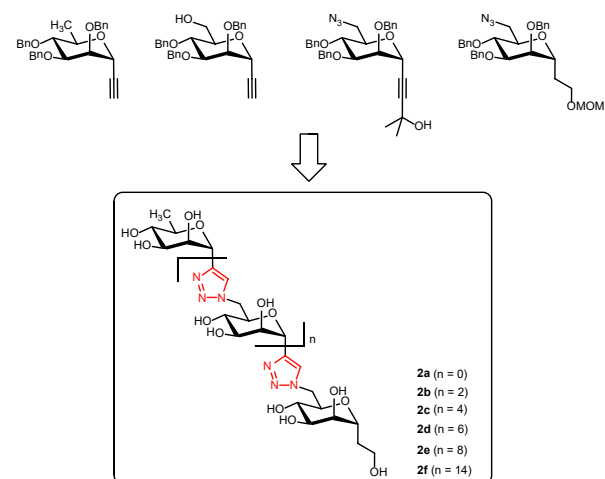
### a) 应用于抗HIV试剂的研发<sup>3)</sup>

Whiting和Sharpless等报道了一系列1,4-二取代-1,2,3-三唑的合成，它们是HIV蛋白酶抑制剂的潜在候选药物，是利用点击化学将含叠氮基的片段和多系列含功能性炔基的砌块结合得到的。进一步优化后，**1**呈现出的活性最高， $K_i$ 值为8nM。



### b) 结核分枝杆菌细胞壁合成酶的研究<sup>4)</sup>

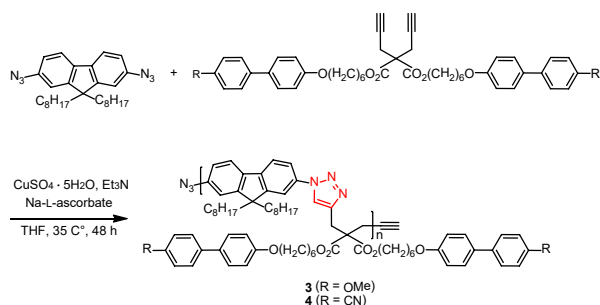
Dondoni等报道了使用1,2,3-三唑环作为糖苷之间的连接基，通过点击化学来合成一组C-低聚甘露聚糖苷化合物(**2a-f**)。化合物**2a-f**能够抑制甘露糖转移酶，该酶参与结核分枝杆菌细胞壁合成酶中的细胞壁膜的生物合成。其中，六聚物( $n=4$ ) **2c**和八聚物( $n=6$ ) **2f**的活性最高， $IC_{50}$ 分别为0.14 mM和0.22 mM。



## ● 功能性材料的合成

在聚合物合成以及材料科学领域，点击化学也有成功的应用。例如，Kang和Jin等人报道了利用

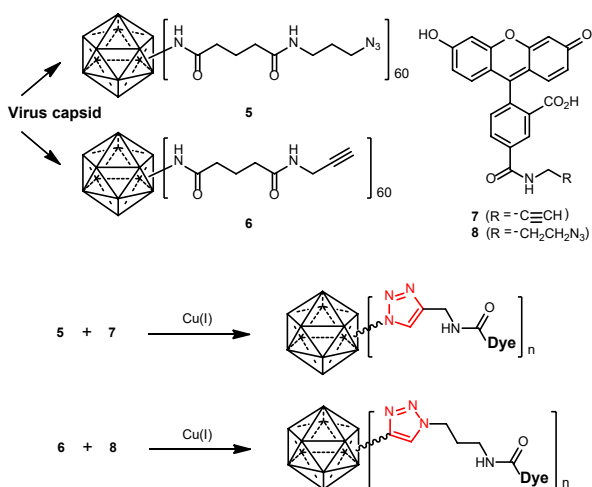
点击化学合成侧链液晶聚合物**3**和**4**。根据他们的实验结果，由化合物**3**制造的染料敏化太阳能电池，能量转换率为4.11%<sup>5)</sup>。



## ● 生物科学

生物偶联 (例如: 病毒的表面修饰)<sup>6)</sup>

通常, 病毒是由许多蛋白质亚基和包裹着DNA或者RNA的衣壳组成蛋白质外壳。尤其是在球状病毒中, 由六十个蛋白质亚基组成的病毒衣壳呈二十面体对称结构。Finn和Sharpless等报道了使用叠氮化物或炔烃对一种球状病毒(豇豆花叶病毒)的外壳进行修饰, 随后通过荧光染料-叠氮或荧光染料-炔烃之间的点击化学反应对该病毒进行标记。



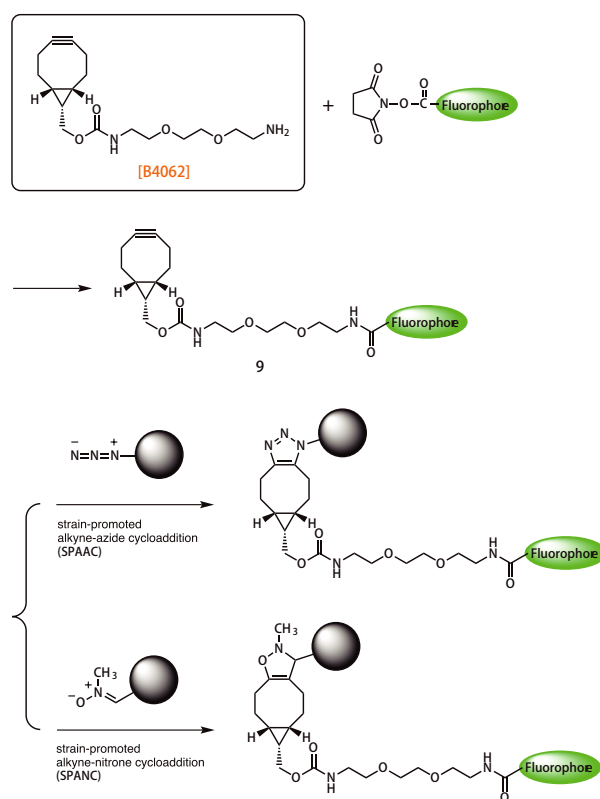
因此, 作为一种合成新型化合物的方法, 点击化学已广泛应用于多种研究领域。除了上述应用, 点击化学也被应用于多种领域, 如树枝状大分子<sup>7)</sup>、树枝化基元<sup>8)</sup>、杯芳烃<sup>9)</sup>、轮烷<sup>10)</sup>、索烃<sup>11)</sup>的合成, 以及化学传感器的研发<sup>12)</sup>和DNA标记<sup>13)</sup>等。

## ● 无铜点击反应

如上所述, 点击化学也可用于生物分子的成像标记和示踪标记。然而, 由于需要用到高浓度的铜(I)类, 其并不适合用于生命系统的标记。

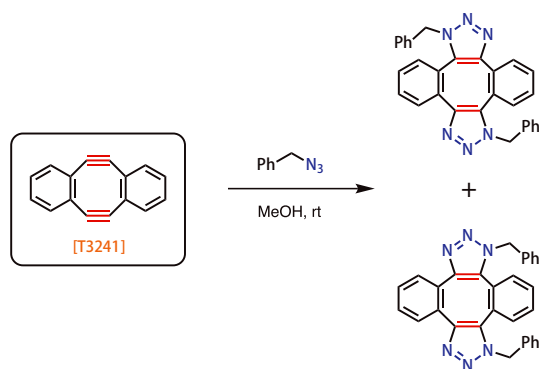
因此, 诸如无金属点击化学的生物正交反应也被开发出来。

*N*-(1*R*,8*S*,9*s*)-双环[6.1.0]壬-4-炔-9-基甲氧基羰基-1,8-二氨基-3,6-二氧辛(BCN-胺)[**B4062**]是一种包含环辛炔应变结构的连接体, 可用于与叠氮化物的无铜点击反应。例如, 连接了荧光团的**B4062**(**9**)可以在无铜(I)的条件下, 实现对包含叠氮高丙氨酸的病毒衣壳蛋白的标记<sup>14)</sup>。此外, **B4062**不仅可用于应变促进的炔烃-叠氮环加成(SPAAC)<sup>15)</sup>, 也可以用在应变促进的炔烃-硝酮环加成(SPANC)中<sup>16)</sup>。



此外, Hosoya等人也报道了在点击化学中利用5,6,11,12-四脱氢二苯并[a,e]环辛烯[**T3241**]进行的“双击反应”<sup>17)</sup>。由于其中的两个炔烃单元具有高反应活性, 因此反应可以在无铜盐等金属催化剂的条件下平稳进行<sup>18)</sup>。

Metal-Free Double-click Reaction



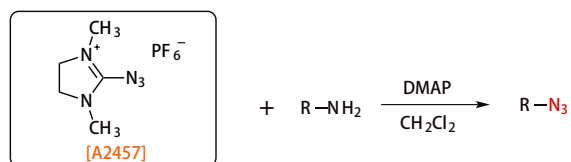
Chiba等人报道了一种利用4-(叠氮基磺酰基)苯甲酸*N*-琥珀酰亚胺酯[S0973]和*N*-(1-硫代乙基)甘氨酸[T3312]进行的新的点击反应<sup>24)</sup>。该反应不需要金属离子，S0973的叠氮基磺酰基基团和T3312硫代酰胺基团反应生成磺酰胺单元。此外，该反应在室温下的水中进行，适用于生物正交点击反应。

TCI提供如下各种点击化学领域现有的叠氮化物和端炔化合物。此外，本宣传册中还列出了叠氮化试剂和乙炔基化试剂。

● 叠氮化试剂

有机叠氮化合物可以通过简单的方式合成，如通过叠氮化钠和卤代烷基化合物反应，或者三氟甲磺酰叠氮化物和伯胺反应等，然而，这些叠氮源具有潜在的高爆炸性，因此较难操作。由Kitamura等研发出的2-叠氮基-1,3-二甲基咪唑六氟磷酸盐[A2457]是一种晶体状重氮基转移试剂，其热稳定性高，且不易爆炸。A2457的差示扫描量热法(DSC)实验显示，其放热分解温度近200°C。并且，A2457在撞击敏感度和摩擦敏感度试验中测试结果均为负值<sup>19)</sup>。

在碱性条件下，A2457和几种伯胺可在短时间内发生反应，并高产率地生成相应的重氮化合物<sup>20)</sup>。这些反应中，由于副产物在水中的溶解度很高，因此可以通过传统的萃取方法除去。

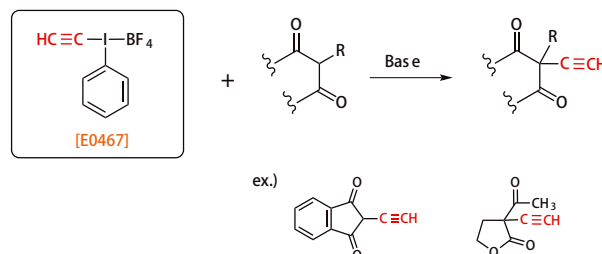


Entry	R	A2457 (eq.)	DMAP (eq.)	Temp.	Time (h)	Yield (%)
1	Ph	1.15	1.1	rt	2.5	87
2	4-MeC <sub>6</sub> H <sub>4</sub>	1.15	1.1	rt	1.5	94
3	4-AcC <sub>6</sub> H <sub>4</sub>	1.15	3	50 °C	5	83
4	4-O <sub>2</sub> NC <sub>6</sub> H <sub>4</sub>	2	3	50 °C	4	61
5	1-naphthyl	1.3	1.1	50 °C	1.5	92
6	PhCH <sub>2</sub> CH <sub>2</sub>	1.15	5 <sup>a)</sup>	rt	0.25	74
7	1-adamantyl	1.15	1.1	rt	0.33	71

<sup>a)</sup> Et<sub>3</sub>N is used instead of DMAP.

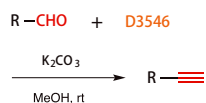
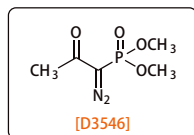
● 乙炔基化试剂

目前已开发出大量用于端炔化合物合成的乙炔基化试剂。例如，由Ochiai等开发出的乙炔基(苯基)碘鎓四氟硼酸盐[E0467]是一种亲电性乙炔基化试剂，它能和活泼亚甲基化合物反应生成相应的α-乙炔基化产物，反应条件温和且产率高。至于其它现有的亲电性乙炔基化试剂，乙炔三乙酸铅也已被使用，是由乙炔基(三甲基)锡烷和四乙酸铅制备得到。然而，该试剂的制备需要使用重金属化合物，因此并不具有吸引力。利用该试剂进行乙炔基化的过程中需要注意控制反应条件。使用E0467进行乙炔基化的方法已成为许多领域的关注焦点，这归因于该方法无需使用高毒性重金属化合物，并且反应条件温和。



此外，由Ohira和Bestmann等开发出的(1-重氮-2-氧代丙基)膦酸二甲酯 [D3546]是一种用于端炔化合物合成的试剂<sup>21,22)</sup>。在碳酸钾和甲醇存在的条件下，D3546可以和醛发生反应，并高产率地生成单一的端炔化合物。D3546作为“Ohira-Bestmann试剂”而闻名，这是以其发现者的名字进行的命名，反应无需使用强碱，在温和的条件下即可进行。

(Application 1)<sup>22)</sup>



R-CHO	Product	Yield (%)
		97
		74
		80

(Application 2)<sup>23)</sup>



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# 产品列表

我们根据结构来介绍产品。

金属催化剂 & 配体	7
叠氮化物	7
有机叠氮化物	7
PEG叠氮化	8
糖叠氮化物	9
末端炔烃类化合物	10
脂肪族炔类	10
芳香族炔类	10
醇类	12
羧酸 & 酯类	13
胺类	13
杂环化合物	14
聚乙二醇 (PEG)	14
其它	15
无铜点击反应试剂	15
叠氮化试剂	16
乙炔基化试剂	16

## 金属催化剂 & 配体

### Metal Catalysts & Ligands

<b>A1540</b> 5g 25g		<b>C2346</b> 25g 500g		<b>T1442</b> 1g 5g	
Copper(I) Acetate CAS RN: 598-54-9		Copper(II) Acetate Monohydrate CAS RN: 6046-93-1		Copper(I) Trifluoromethanesulfonate Benzene Complex CAS RN: 42152-46-5	
<b>T2665</b> 5g	$(\text{CH}_3\text{CN})_4\text{Cu}^+ \text{PF}_6^-$	<b>T2666</b> 1g 5g 25g	$(\text{CH}_3\text{CN})_4\text{Cu}^+ \text{BF}_4^-$	<b>C2312</b> 1g 5g	
Tetrakis(acetonitrile)copper(I) Hexafluorophosphate CAS RN: 64443-05-6		Tetrakis(acetonitrile)copper(I) Tetrafluoroborate CAS RN: 15418-29-8		Copper(I) 2-Thiophenecarboxylate CAS RN: 68986-76-5	
<b>C3042</b> 200mg		<b>T2993</b> 1g 5g		<b>C1952</b> 25g 300g	$\text{CuCN}$
Chloro(pentamethylcyclopentadienyl)ruthenium(II) Tetramer CAS RN: 113860-07-4		Tris[(1-benzyl-1H-1,2,3-triazol-4-yl)methyl]amine (TBTA) CAS RN: 510758-28-8		Copper(I) Cyanide CAS RN: 544-92-3	
<b>B0989</b> 1g		<b>T3170</b> 200mg 1g		<b>T3171</b> 200mg	
Bathophenanthroline disulfonic acid disodium salt hydrate CAS RN: 53744-42-6		Tris(2-benzimidazolylmethyl)amine CAS RN: 64019-57-4		THPTA CAS RN: 760952-88-3	
		<b>H0149</b> 25g 250g			
			L-Histidine CAS RN: 71-00-1		

## 叠氮化物

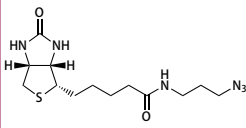
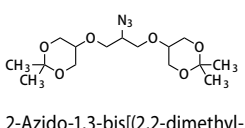
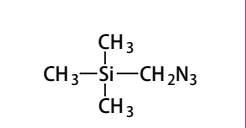
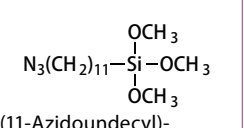
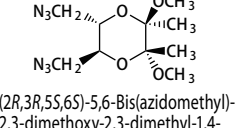
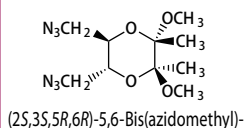
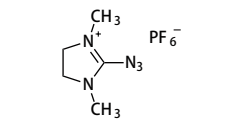
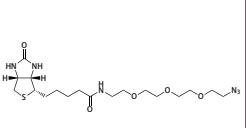
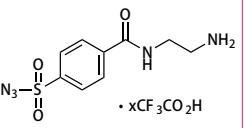
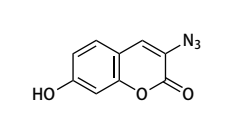

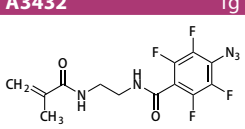
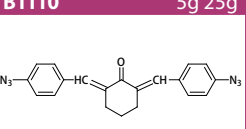
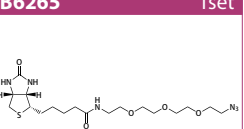
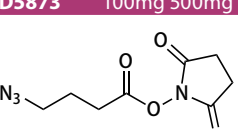
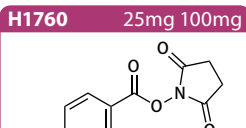
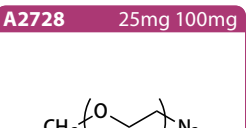
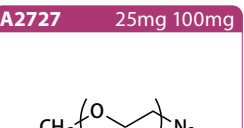
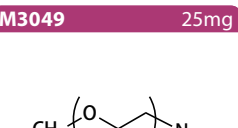
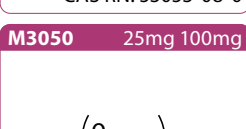


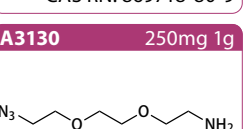
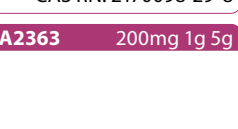
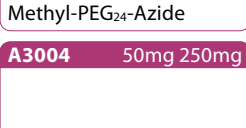
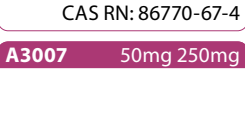
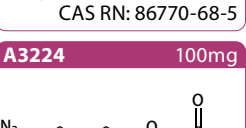
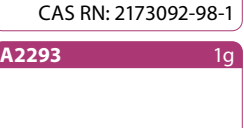
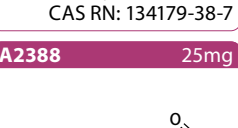
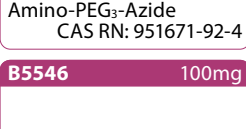
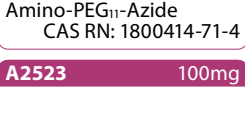
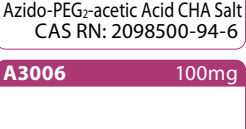

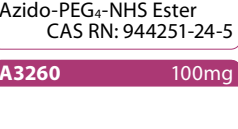
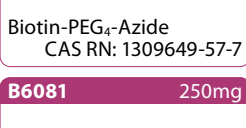



### Azides

## 有机叠氮化物


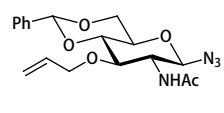
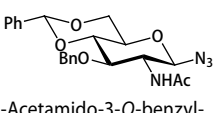
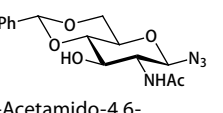
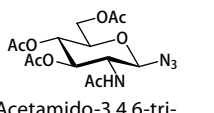
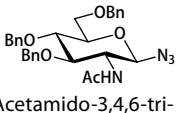
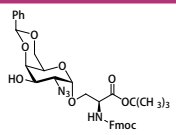
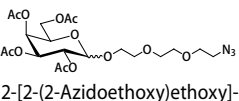
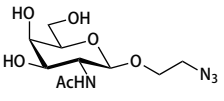
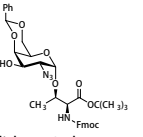
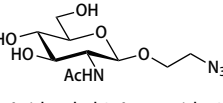
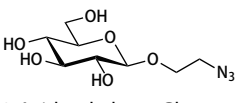
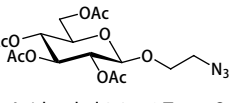
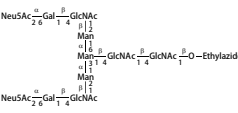
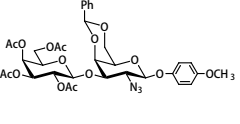
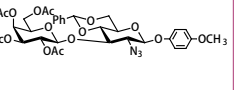
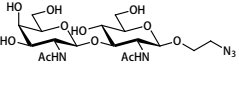
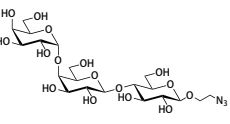
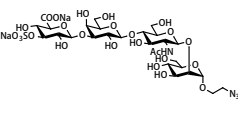
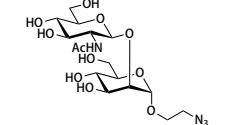
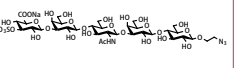
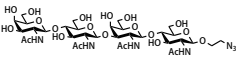
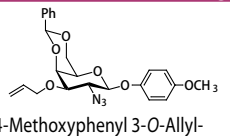
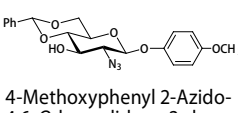
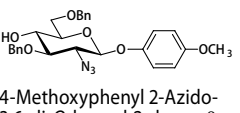
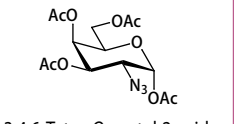
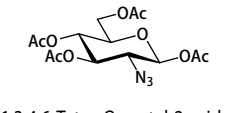
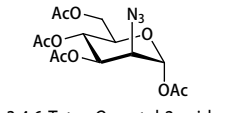
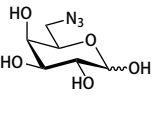
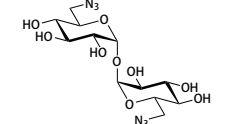
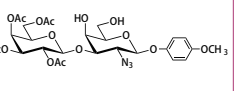
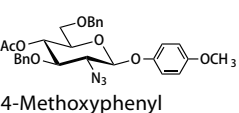
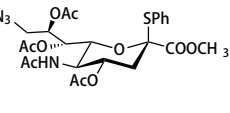
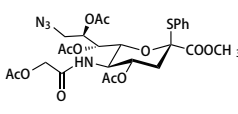
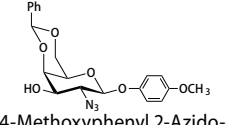
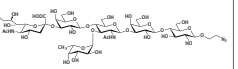
### Organic Azides

<b>A3079</b> 1g		<b>A2729</b> 200mg	
Azidoacetic Acid CAS RN: 18523-48-3		5-Azidovaleric Acid CAS RN: 79583-98-5	
<b>E1255</b> 5g 25g		<b>A2738</b> 100mg	
Ethyl Azidoacetate CAS RN: 637-81-0		3-Azidopropylamine CAS RN: 88192-19-2	
<b>A0930</b> 5g 25g		<b>A2290</b> 100mg 1g	
4-Azidobenzoic Acid CAS RN: 6427-66-3		4-Azidosalicylic Acid CAS RN: 66761-27-1	
<b>A2674</b> 1g			
4-Azido-2,3,5,6-tetrafluorobenzoic Acid CAS RN: 122590-77-6			
<b>S0860</b> 10mg		<b>S0952</b> 200mg 1g	
N-Succinimidyl 5-Azido-2-nitrobenzoate CAS RN: 60117-35-3		N-Succinimidyl 4-Azido-2,3,5,6-tetrafluorobenzoate CAS RN: 126695-58-7	
<b>A2791</b> 200mg 1g		<b>B3790</b> 10mg	
1-(Azidomethyl)pyrene CAS RN: 1006061-57-9		Bis[2-(4-azidosalicylamido)ethyl] Disulfide CAS RN: 199804-21-2	
<b>A2942</b> 25mg 100mg		<b>D1606</b> 25g	
N <sub>3</sub> -dU CAS RN: 26929-65-7		Disodium 4,4'-Diazidostilbene-2,2'-disulfonate Tetrahydrate CAS RN: 2718-90-3	
<b>A2052</b> 1g 5g		<b>A3020</b> 250mg	
3'-Azido-3'-deoxythymidine CAS RN: 30516-87-1		4-Azido-N-Fmoc-L-homoalanine CAS RN: 942518-20-9	
<b>A3023</b> 250mg		<b>A3129</b> 50mg 200mg	
6-Azido-N-Fmoc-L-norleucine CAS RN: 159610-89-6		cis-4-Azido-N-Boc-L-proline CAS RN: 132622-65-2	



<p><b>A2524</b> 100mg</p>  <p><i>N</i>-(3-Azidopropyl)biotinamide CAS RN: 908007-17-0</p>	<p><b>A2474</b> 100mg</p>  <p>2-Azido-1,3-bis[(2,2-dimethyl-1,3-dioxan-5-yl)oxy]propane CAS RN: 1392500-07-0</p>	<p><b>T1184</b> 1g 5g</p>  <p>Trimethylsilylmethyl Azide CAS RN: 87576-94-1</p>	<p><b>A2783</b> 100mg</p>  <p>(11-Azidoundecyl)-trimethoxysilane CAS RN: 334521-23-2</p>	<p><b>B3693</b> 100mg</p>  <p>(2<i>R</i>,3<i>R</i>,5<i>S</i>,6<i>S</i>)-5,6-Bis(azidomethyl)-2,3-dimethoxy-2,3-dimethyl-1,4-dioxane CAS RN: 832117-79-0</p>	
<p><b>B3694</b> 100mg</p>  <p>(2<i>S</i>,3<i>S</i>,5<i>R</i>,6<i>R</i>)-5,6-Bis(azidomethyl)-2,3-dimethoxy-2,3-dimethyl-1,4-dioxane CAS RN: 1585236-34-5</p>	<p><b>A2457</b> 5g 25g 250g</p>  <p>2-Azido-1,3-dimethylimidazolium Hexafluorophosphate CAS RN: 1266134-54-6</p>	<p><b>A2523</b> 100mg</p>  <p>Biotin-PEG<sub>3</sub>-Azide CAS RN: 875770-34-6</p>	<p><b>A2914</b> 200mg</p>  <p><i>N</i>-[4-(Azidosulfonyl)-benzoyl]ethylenediamine Trifluoroacetate CAS RN: 875770-34-6</p>	<p><b>A3306</b> 50mg 250mg 1g</p>  <p>3-Azido-7-hydroxycoumarin CAS RN: 817638-68-9</p>	
<p><b>A3365</b> 250mg</p>  <p>6-Azidohexan-1-ol CAS RN: 146292-90-2</p>	<p><b>A3432</b> 1g</p>  <p>4-Azido-2,3,5,6-tetrafluoro-<i>N</i>-(2-methacrylamidoethyl)-benzamide CAS RN: 2361935-10-4</p>	<p><b>B1110</b> 5g 25g</p>  <p>2,6-Di(4-azidobenzal)-cyclohexanone (wetted with ca. 30% Water) CAS RN: 20237-98-3</p>	<p><b>B6265</b> 1set</p>  <p>Biotin-PEG<sub>3</sub>-Azide (2mgx5) CAS RN: 875770-34-6</p>	<p><b>D5873</b> 100mg 500mg</p>  <p>Succinimidyl 4-Azidobutyrate CAS RN: 943858-70-6</p>	
<p><b>H1760</b> 25mg 100mg</p>  <p><i>N</i>-Succinimidyl 4-Azidobenzoate CAS RN: 53053-08-0</p>	<p><b>PEG叠氮化物</b> <b>PEG Azides</b></p>		<p><b>A2728</b> 25mg 100mg</p>  <p>Methyl-PEG<sub>4</sub>-Azide CAS RN: 606130-90-9</p>	<p><b>A2727</b> 25mg 100mg</p>  <p>Methyl-PEG<sub>8</sub>-Azide CAS RN: 869718-80-9</p>	<p><b>M3049</b> 25mg</p>  <p>Methyl-PEG<sub>12</sub>-Azide CAS RN: 2170098-29-8</p>
<p><b>M3050</b> 25mg 100mg</p>  <p>Methyl-PEG<sub>24</sub>-Azide</p>	<p><b>A2294</b> 100mg</p>  <p>PEG<sub>4</sub>-Azide CAS RN: 86770-67-4</p>	<p><b>A2500</b> 100mg</p>  <p>PEG<sub>5</sub>-Azide CAS RN: 86770-68-5</p>	<p><b>A3130</b> 250mg 1g</p>  <p>Azido-PEG<sub>2</sub>-Amine-Tos-OH CAS RN: 2173092-98-1</p>	<p><b>A2363</b> 200mg 1g 5g</p>  <p>Amino-PEG<sub>3</sub>-Azide CAS RN: 134179-38-7</p>	
<p><b>A3004</b> 50mg 250mg</p>  <p>Amino-PEG<sub>3</sub>-Azide CAS RN: 951671-92-4</p>	<p><b>A3007</b> 50mg 250mg</p>  <p>Amino-PEG<sub>11</sub>-Azide CAS RN: 1800414-71-4</p>	<p><b>A3224</b> 100mg</p>  <p>Azido-PEG<sub>2</sub>-acetic Acid CHA Salt CAS RN: 2098500-94-6</p>	<p><b>A2293</b> 1g</p>  <p>Azido-PEG<sub>3</sub>-acetic Acid CAS RN: 172531-37-2</p>	<p><b>A2388</b> 25mg</p>  <p>Azido-PEG<sub>4</sub>-NHS Ester CAS RN: 944251-24-5</p>	
<p><b>B5546</b> 100mg</p>  <p>Biotin-PEG<sub>4</sub>-Azide CAS RN: 1309649-57-7</p>	<p><b>A2523</b> 100mg</p>  <p>Biotin-PEG<sub>3</sub>-Azide CAS RN: 875770-34-6</p>	<p><b>A3006</b> 100mg</p>  <p>PEG<sub>8</sub>-Azide CAS RN: 352439-36-2</p>	<p><b>A3202</b> 10mg</p>  <p>Azido-PEG<sub>3</sub>-Desthiobiotin CAS RN: 1426828-06-9</p>	<p><b>A3260</b> 100mg</p>  <p>Azido-PEG<sub>4</sub>-C<sub>2</sub>-carboxylic Acid CAS RN: 1257063-35-6</p>	
<p><b>B6081</b> 250mg</p>  <p>Bromo-PEG<sub>3</sub>-Azide CAS RN: 1446282-43-4</p>	<p><b>B6265</b> 1set</p>  <p>Biotin-PEG<sub>3</sub>-Azide (2mgx5) CAS RN: 875770-34-6</p>	<p><b>B6266</b> 1set</p>  <p>Biotin-PEG<sub>4</sub>-Azide (2mgx5) CAS RN: 1309649-57-7</p>	<p><b>G0257</b> 1g 5g</p>  <p>2-[2-(2-Azidoethoxy)ethoxy]-ethyl 2,3,4,6-Tetra-<i>O</i>-acetyl-D-galactopyranoside CAS RN: 381716-33-2</p>	<p><b>糖叠氮化物</b> <b>Sugar Azides</b></p>	


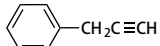
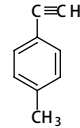
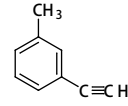
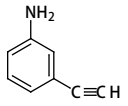

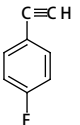
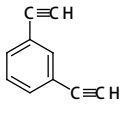
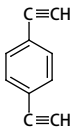
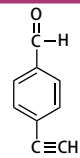
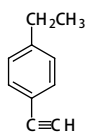
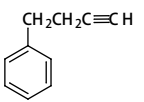
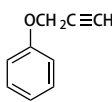
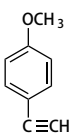
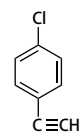
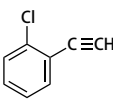
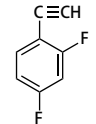
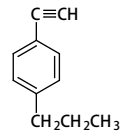
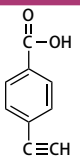
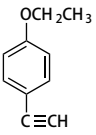
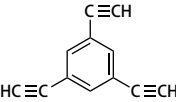
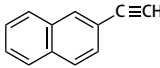
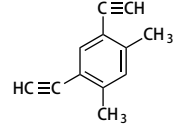
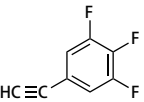
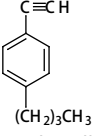
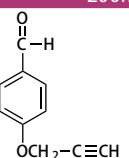
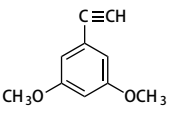
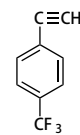
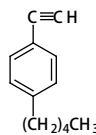
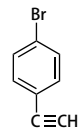
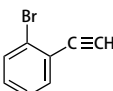
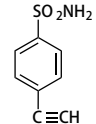
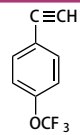
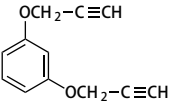
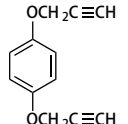
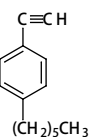
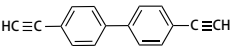
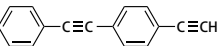
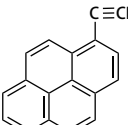
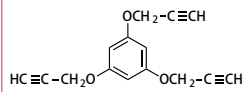


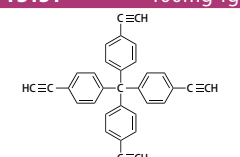
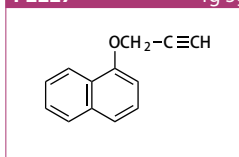
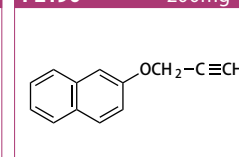
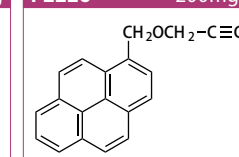
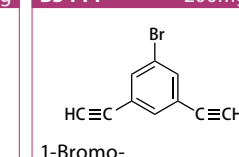
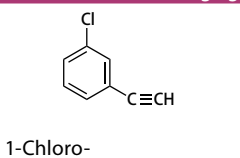
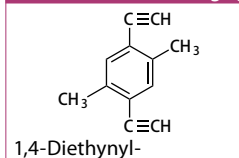
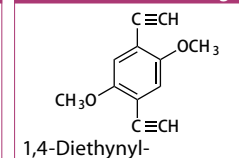
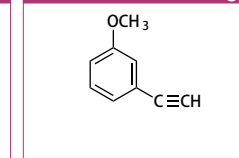
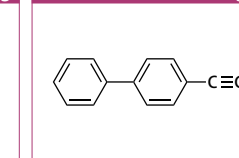
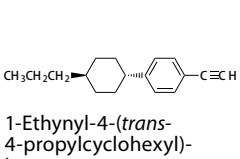
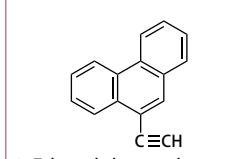
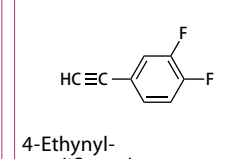
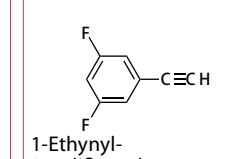
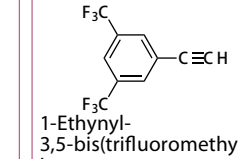
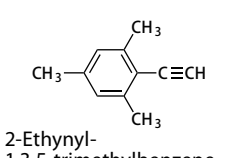
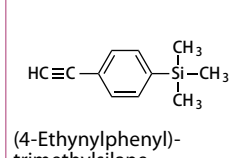
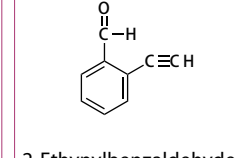
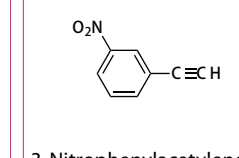
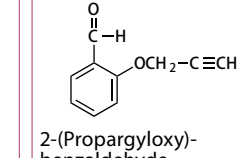
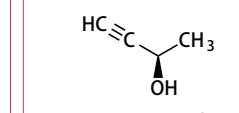
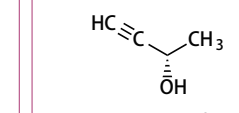
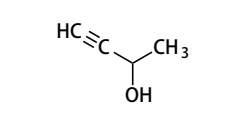
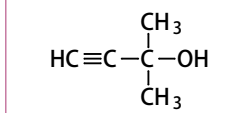
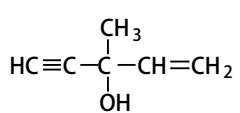
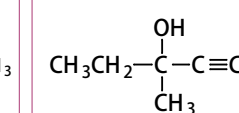
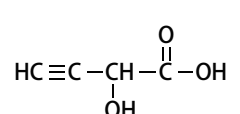
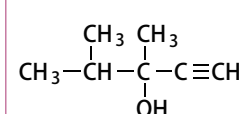
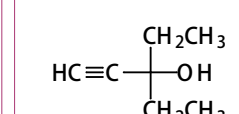
<p><b>A3090</b> 100mg</p>  <p>6A-Azido-6A-deoxy-<math>\beta</math>-cyclodextrin CAS RN: 98169-85-8</p>	<p><b>A1812</b> 1g</p>  <p>2-Acetamido-3-<i>O</i>-allyl-4,6-<i>O</i>-benzylidene-2-deoxy-<math>\beta</math>-D-glucopyranosyl Azide</p>	<p><b>A1813</b> 1g</p>  <p>2-Acetamido-3-<i>O</i>-benzyl-4,6-<i>O</i>-benzylidene-2-deoxy-<math>\beta</math>-D-glucopyranosyl Azide CAS RN: 80887-27-0</p>	<p><b>A1811</b> 1g 5g</p>  <p>2-Acetamido-4,6-<i>O</i>-benzylidene-2-deoxy-<math>\beta</math>-D-glucopyranosyl Azide CAS RN: 168397-51-1</p>	<p><b>A1616</b> 1g 5g</p>  <p>2-Acetamido-3,4,6-tri-<i>O</i>-acetyl-2-deoxy-<math>\beta</math>-D-glucopyranosyl Azide CAS RN: 6205-69-2</p>
<p><b>A1678</b> 1g 5g</p>  <p>2-Acetamido-3,4,6-tri-<i>O</i>-benzyl-2-deoxy-<math>\beta</math>-D-glucopyranosyl Azide CAS RN: 214467-60-4</p>	<p><b>A1833</b> 100mg</p>  <p><i>O</i>-(2-Azido-4,6-<i>O</i>-benzylidene-2-deoxy-<math>\alpha</math>-D-galactopyranosyl)-<i>N</i>-[(9<i>H</i>-fluoren-9-ylmethoxy)-carbonyl]-L-serine <i>tert</i>-Butyl Ester CAS RN: 878483-02-4</p>	<p><b>G0257</b> 1g 5g</p>  <p>2-[2-(2-Azidoethoxy)ethoxy]-ethyl 2,3,4,6-Tetra-<i>O</i>-acetyl-D-galactopyranoside CAS RN: 381716-33-2</p>	<p><b>A2627</b> Please contact us.</p>  <p>2-Azidoethyl 2-Acetamido-2-deoxy-<math>\beta</math>-D-galactopyranoside CAS RN: 142072-15-9</p>	
<p><b>A1832</b> 100mg</p>  <p><i>O</i>-(2-Azido-4,6-<i>O</i>-benzylidene-2-deoxy-<math>\alpha</math>-D-galactopyranosyl)-<i>N</i>-[(9<i>H</i>-fluoren-9-ylmethoxy)-carbonyl]-L-threonine <i>tert</i>-Butyl Ester CAS RN: 195976-07-9</p>	<p><b>A2172</b> 500mg</p>  <p>2-Azidoethyl 2-Acetamido-2-deoxy-<math>\beta</math>-D-glucopyranoside CAS RN: 142072-12-6</p>	<p><b>A2267</b> 1g</p>  <p>2-Azidoethyl <math>\beta</math>-D-Glucopyranoside CAS RN: 165331-08-8</p>	<p><b>A2377</b> 1g 5g</p>  <p>2-Azidoethyl 2,3,4,6-Tetra-<i>O</i>-acetyl-<math>\beta</math>-D-glucopyranoside CAS RN: 140428-81-5</p>	
<p><b>D4217</b> 1mg</p>  <p>Disialylnonasaccharide <math>\beta</math>-Ethylazide CAS RN: 1621001-68-0</p>	<p><b>G0330</b> 1g 5g</p>  <p>Gal[2346Ac]<math>\beta</math>(1-3)GalN<sub>3</sub>[46Bzd]-<math>\beta</math>-MP</p>	<p><b>G0309</b> 1g 5g</p>  <p>Gal[2346Ac]<math>\beta</math>(1-3)GlcN<sub>3</sub>[46Bzd]-<math>\beta</math>-MP</p>	<p><b>G0373</b> 1mg</p>  <p>GalNAc <math>\beta</math>(1-3)GlcNAc <math>\beta</math>-Ethylazide</p>	<p><b>G0403</b> Please contact us.</p>  <p>Gb<sub>3</sub>-<math>\beta</math>-ethylazide CAS RN: 2220267-41-2</p>
<p><b>G0372</b> Please contact us.</p>  <p>GlcA[35]<math>\beta</math>(1-3)Gal <math>\beta</math>(1-4)GlcNAc <math>\beta</math>(1-2)Man <math>\alpha</math>-Ethylazide</p>	<p><b>G0337</b> 100mg</p>  <p>GlcNAc <math>\beta</math>(1-2)Man <math>\alpha</math>-1-Ethylazide CAS RN: 1858224-15-3</p>	<p><b>H1333</b> Please contact us.</p>  <p>HNK-1 Ethylazide</p>	<p><b>L0237</b> Please contact us.</p>  <p>LacDiNAc Dimer Ethylazide</p>	<p><b>M1643</b> 1g</p>  <p>4-Methoxyphenyl 3-<i>O</i>-Allyl-2-azido-4,6-<i>O</i>-benzylidene-2-deoxy-<math>\beta</math>-D-galactopyranoside CAS RN: 889453-83-2</p>
<p><b>M1637</b> 1g 5g</p>  <p>4-Methoxyphenyl 2-Azido-4,6-<i>O</i>-benzyl-2-deoxy-<math>\beta</math>-D-glucopyranoside CAS RN: 1430068-18-0</p>	<p><b>M1617</b> 1g</p>  <p>4-Methoxyphenyl 2-Azido-3,6-di-<i>O</i>-benzyl-2-deoxy-<math>\beta</math>-D-glucopyranoside CAS RN: 1272755-25-5</p>	<p><b>T1731</b> 100mg</p>  <p>1,3,4,6-Tetra-<i>O</i>-acetyl-2-azido-2-deoxy-<math>\alpha</math>-D-galactopyranose CAS RN: 67817-30-5</p>	<p><b>T2196</b> 200mg 1g</p>  <p>1,3,4,6-Tetra-<i>O</i>-acetyl-2-azido-2-deoxy-<math>\beta</math>-D-glucopyranose CAS RN: 80321-89-7</p>	<p><b>T1733</b> 100mg</p>  <p>1,3,4,6-Tetra-<i>O</i>-acetyl-2-azido-2-deoxy-<math>\alpha</math>-D-mannopyranose CAS RN: 68733-20-0</p>
<p><b>A3167</b> Please contact us.</p>  <p>6-Azido-6-deoxy-D-galactopyranose CAS RN: 66927-03-5</p>	<p><b>D5372</b> 50mg</p>  <p>6,6'-Diazido-6,6'-dideoxytrehalose CAS RN: 18933-88-5</p>	<p><b>G0329</b> Please contact us.</p>  <p>Gal[2346Ac]<math>\beta</math>(1-3)GalN<sub>3</sub>-<math>\beta</math>-MP</p>	<p><b>M2051</b> Please contact us.</p>  <p>4-Methoxyphenyl 4-<i>O</i>-Acetyl-2-azido-3,6-di-<i>O</i>-benzyl-2-deoxy-<math>\beta</math>-D-glucopyranoside</p>	<p><b>M2695</b> 100mg</p>  <p>Neu5Ac[1Me,478Ac,9N<sub>3</sub>]-<math>\beta</math>-SPh CAS RN: 219814-65-0</p>
<p><b>M2696</b> 100mg</p>  <p>Neu5GcAc[1Me,478Ac,9N<sub>3</sub>]-<math>\beta</math>-SPh CAS RN: 1195053-25-8</p>	<p><b>M2737</b> Please contact us.</p>  <p>4-Methoxyphenyl 2-Azido-4,6-<i>O</i>-benzylidene-2-deoxy-<math>\beta</math>-D-galactopyranoside CAS RN: 1340541-47-0</p>	<p><b>S0922</b> Please contact us.</p>  <p>Sialyl Lewis X-Lactose Ethylazide</p>		

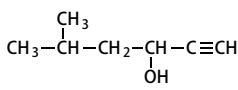
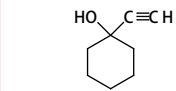
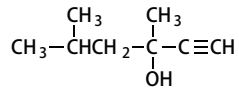
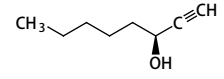
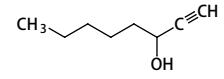
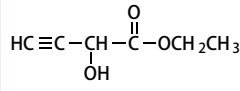
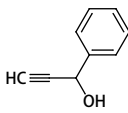
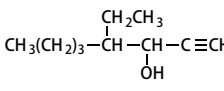
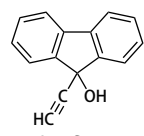
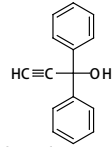
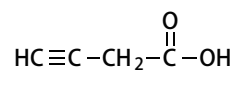
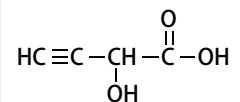
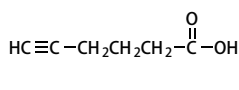
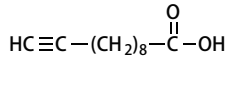
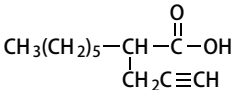
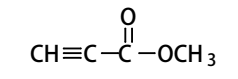
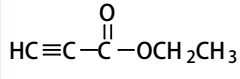
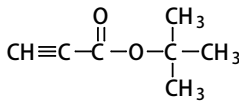
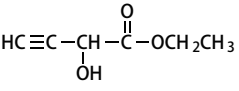
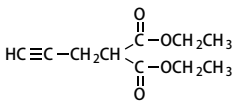
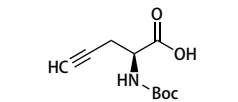
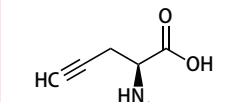
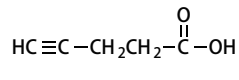
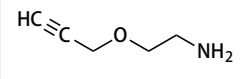
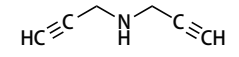
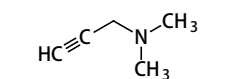
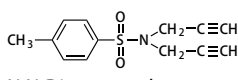
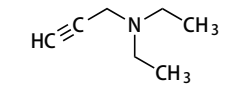
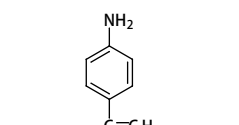
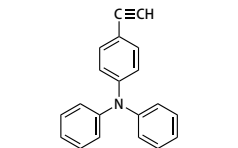
## 末端炔烃类化合物 Terminal Alkynes

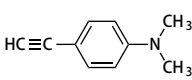
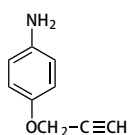
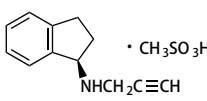
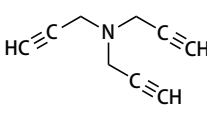
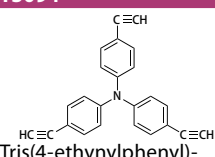
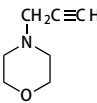
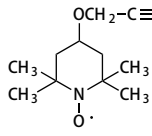
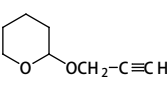
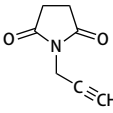
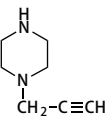
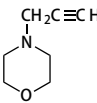
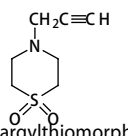
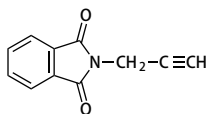
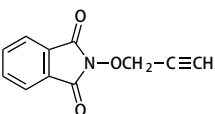
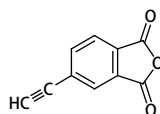
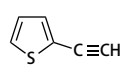
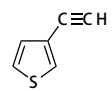
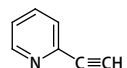
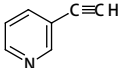
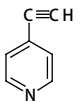
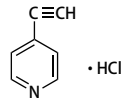
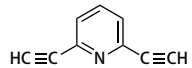
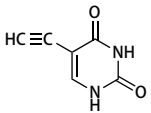
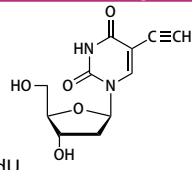
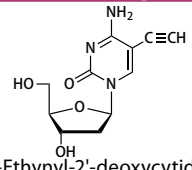
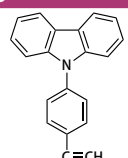
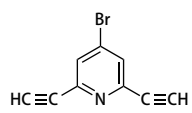
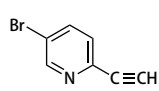
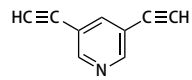
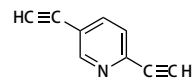
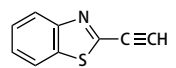
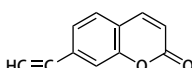
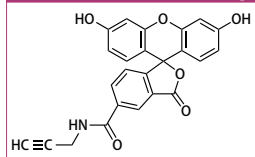
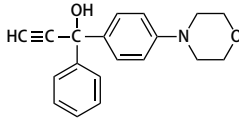
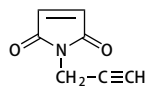
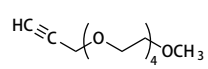
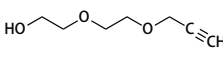
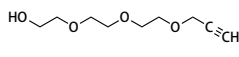
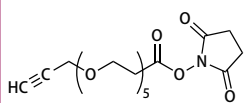
## 脂肪族烃类 Aliphatic Hydrocarbons

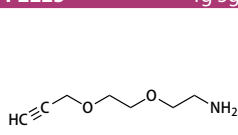
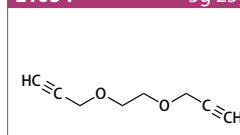
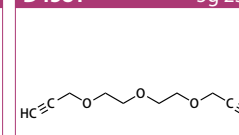
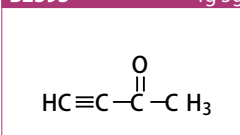
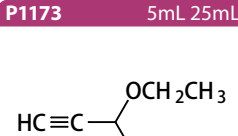
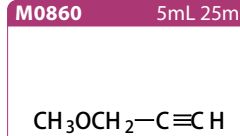
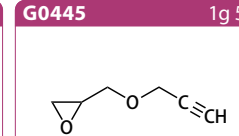
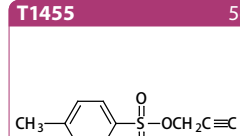
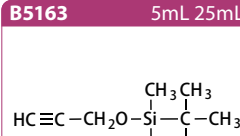
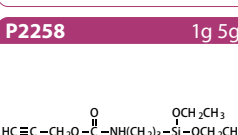
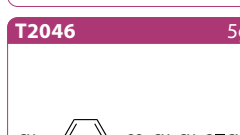
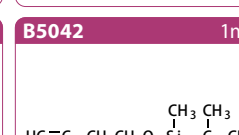
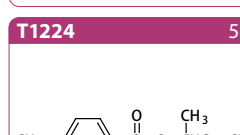
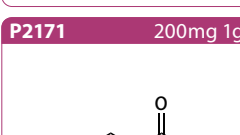
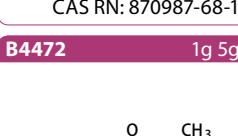
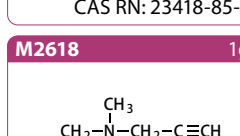
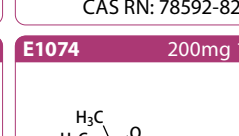
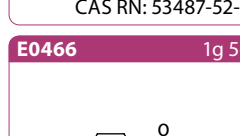
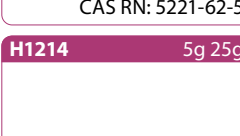
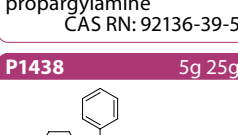
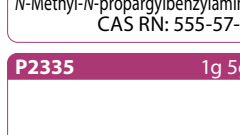
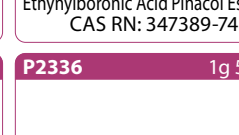
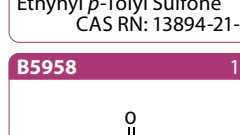
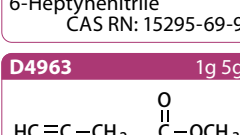
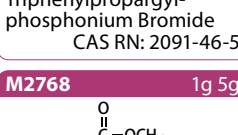
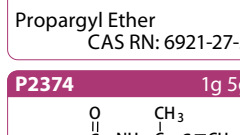
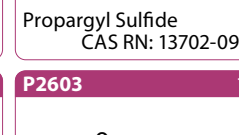
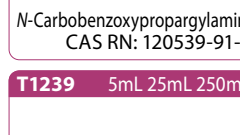
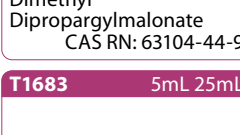
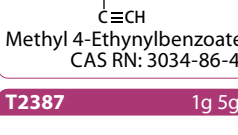
<h2>末端炔烃类化合物 Terminal Alkynes</h2>		<h2>脂肪族烃类 Aliphatic Hydrocarbons</h2>		<b>P1881</b> 200g $\text{CH}_3-\text{C}\equiv\text{CH}$ Propyne (ca. 3% in Heptane) CAS RN: 74-99-7	<b>P2152</b> 100mL 500mL $\text{CH}_3-\text{C}\equiv\text{CH}$ Propyne (ca. 4% in <i>N,N</i> -Dimethylformamide, ca. 1.0mol/L) CAS RN: 74-99-7
				<b>P2295</b> 100mL 500mL $\text{CH}_3-\text{C}\equiv\text{CH}$ Propyne (ca. 5% in Tetrahydrofuran, ca. 1mol/L) CAS RN: 74-99-7	<b>C1984</b> 5g 25g  Cyclopropylacetylene CAS RN: 6746-94-7
<b>H0485</b> 1g 5g $\text{HC}\equiv\text{C}-\text{CH}_2\text{CH}_2-\text{C}\equiv\text{CH}$ 1,5-Hexadiyne (stabilized with BHT) CAS RN: 628-16-0	<b>H1541</b> 1g 5g $\text{HC}\equiv\text{C}-\text{CH}_2\text{CH}_2-\text{CH}=\text{CH}_2$ 1-Hexen-5-yne CAS RN: 14548-31-3	<b>B1114</b> 10mL 100mL  3,3-Dimethyl-1-butyne CAS RN: 917-92-0	<b>H0140</b> 25mL 250mL $\text{CH}_3(\text{CH}_2)_3\text{C}\equiv\text{CH}$ 1-Hexyne CAS RN: 693-02-7	<b>M0269</b> 1mL 5mL  4-Methyl-1-pentyne CAS RN: 7154-75-8	
<b>C1195</b> 1g 5g  3-Chloro-1-butyne CAS RN: 21020-24-6	<b>H0483</b> 1mL 5mL $\text{HC}\equiv\text{C}(\text{CH}_2)_3\text{C}\equiv\text{CH}$ 1,6-Heptadiyne CAS RN: 2396-63-6	<b>H0048</b> 25mL $\text{CH}_3(\text{CH}_2)_4\text{C}\equiv\text{CH}$ 1-Heptyne CAS RN: 628-71-7	<b>M0271</b> 5mL  5-Methyl-1-hexyne CAS RN: 2203-80-7	<b>C1522</b> 5mL 25mL $\text{HC}\equiv\text{C}-\text{CH}_2\text{CH}_2\text{CH}_2\text{Cl}$ 5-Chloro-1-pentyne CAS RN: 14267-92-6	
<b>O0147</b> 5mL 25mL $\text{HC}\equiv\text{C}-(\text{CH}_2)_4-\text{C}\equiv\text{CH}$ 1,7-Octadiyne CAS RN: 871-84-1	<b>O0050</b> 25mL 100mL $\text{CH}_3(\text{CH}_2)_5-\text{C}\equiv\text{CH}$ 1-Octyne CAS RN: 629-05-0	<b>C1493</b> 5mL 25mL $\text{HC}\equiv\text{C}-(\text{CH}_2)_4\text{Cl}$ 6-Chloro-1-hexyne CAS RN: 10297-06-0	<b>E1178</b> 5mL  1-Ethynyl-1-cyclohexene CAS RN: 931-49-7	<b>P0484</b> 25g 100g 500g $\text{HC}\equiv\text{CCH}_2\text{Br}$ Propargyl Bromide (stabilized with MgO) CAS RN: 106-96-7	
<b>N0406</b> 5mL $\text{HC}\equiv\text{C}-(\text{CH}_2)_5-\text{C}\equiv\text{CH}$ 1,8-Nonadiyne CAS RN: 2396-65-8	<b>N0301</b> 5mL $\text{CH}_3(\text{CH}_2)_6-\text{C}\equiv\text{CH}$ 1-Nonyne CAS RN: 3452-09-3	<b>B3242</b> 5g $\text{HC}\equiv\text{CCH}_2\text{CH}_2\text{Br}$ 4-Bromo-1-butyne CAS RN: 38771-21-0	<b>D1724</b> 1mL 5mL $\text{CH}_3(\text{CH}_2)_3-\text{C}\equiv\text{C}-\text{CH}_2\text{CH}_2-\text{C}\equiv\text{CH}$ 1,5-Decadiyne CAS RN: 53963-03-4	<b>D1326</b> 5mL $\text{HC}\equiv\text{C}-(\text{CH}_2)_6-\text{C}\equiv\text{CH}$ 1,9-Decadiyne CAS RN: 1720-38-3	
<b>D0037</b> 5mL 25mL $\text{CH}_3(\text{CH}_2)_7-\text{C}\equiv\text{CH}$ 1-Decyne CAS RN: 764-93-2	<b>U0033</b> 5mL $\text{CH}_3(\text{CH}_2)_8-\text{C}\equiv\text{CH}$ 1-Undecyne CAS RN: 2243-98-3	<b>D0997</b> 5mL 25mL $\text{CH}_3(\text{CH}_2)_9-\text{C}\equiv\text{CH}$ 1-Dodecyne CAS RN: 765-03-7	<b>T0761</b> 5mL 25mL $\text{CH}_3(\text{CH}_2)_{11}-\text{C}\equiv\text{CH}$ 1-Tetradecyne CAS RN: 765-10-6	<b>P0356</b> 5mL $\text{CH}_3(\text{CH}_2)_{12}\text{C}\equiv\text{CH}$ 1-Pentadecyne CAS RN: 765-13-9	
<b>H0433</b> 5mL $\text{CH}_3(\text{CH}_2)_{13}\text{C}\equiv\text{CH}$ 1-Hexadecyne CAS RN: 629-74-3	<b>H0440</b> 1g $\text{CH}_3(\text{CH}_2)_{14}\text{C}\equiv\text{CH}$ 1-Heptadecyne CAS RN: 26186-00-5	<h2>芳香族烃类 Aromatic Hydrocarbons</h2>			

<p><b>E0196</b> 25mL 100mL 500mL</p>  <p>Ethynylbenzene CAS RN: 536-74-3</p>	<p><b>P1956</b> 1g 5g</p>  <p>3-Phenyl-1-propyne (stabilized with BHT) CAS RN: 10147-11-2</p>	<p><b>E0655</b> 5g 25g</p>  <p>4-Ethynyltoluene CAS RN: 766-97-2</p>	<p><b>E0665</b> 1g 5g 25g</p>  <p>3-Ethynyltoluene CAS RN: 766-82-5</p>	<p><b>A1122</b> 5g 25g</p>  <p>3-Ethynylaniline CAS RN: 54060-30-9</p>
<p><b>E0654</b> 5g</p>  <p>1-Ethynyl-2-fluorobenzene CAS RN: 766-49-4</p>	<p><b>F0470</b> 1g 5g</p>  <p>1-Ethynyl-4-fluorobenzene CAS RN: 766-98-3</p>	<p><b>D2496</b> 1g 5g</p>  <p>1,3-Diethynylbenzene CAS RN: 1785-61-1</p>	<p><b>D2151</b> 1g 5g</p>  <p>1,4-Diethynylbenzene CAS RN: 935-14-8</p>	<p><b>E0987</b> 1g</p>  <p>4-Ethynylbenzaldehyde CAS RN: 63697-96-1</p>
<p><b>E0749</b> 5g 25g</p>  <p>1-Ethyl-4-ethynylbenzene CAS RN: 40307-11-7</p>	<p><b>P0358</b> 5mL</p>  <p>4-Phenyl-1-butyne CAS RN: 16520-62-0</p>	<p><b>P2222</b> 5g 25g</p>  <p>Phenyl Propargyl Ether CAS RN: 13610-02-1</p>	<p><b>E0603</b> 1g 5g 25g</p>  <p>4-Ethynylanisole CAS RN: 768-60-5</p>	<p><b>C2670</b> 1g 5g</p>  <p>1-Chloro-4-ethynylbenzene CAS RN: 873-73-4</p>
<p><b>C2750</b> 1g 5g</p>  <p>2-Chlorophenylacetylene CAS RN: 873-31-4</p>	<p><b>E1169</b> 1g 5g</p>  <p>1-Ethynyl-2,4-difluorobenzene CAS RN: 302912-34-1</p>	<p><b>E0750</b> 5g 25g</p>  <p>1-Ethynyl-4-propylbenzene CAS RN: 62452-73-7</p>	<p><b>E1041</b> 1g</p>  <p>4-Ethynylbenzoic Acid CAS RN: 10602-00-3</p>	<p><b>E1029</b> 1g 5g</p>  <p>4-Ethoxyphenylacetylene CAS RN: 79887-14-2</p>
<p><b>T2760</b> 1g 5g</p>  <p>1,3,5-Triethynylbenzene CAS RN: 7567-63-7</p>	<p><b>E0933</b> 100mg</p>  <p>2-Ethynyl-naphthalene CAS RN: 2949-26-0</p>	<p><b>D4878</b> 1g 5g</p>  <p>1,5-Diethynyl-2,4-dimethylbenzene CAS RN: 1379822-09-9</p>	<p><b>E1078</b> 1g</p>  <p>5-Ethynyl-1,2,3-trifluorobenzene CAS RN: 158816-55-8</p>	<p><b>B2301</b> 5g 25g</p>  <p>1-Butyl-4-ethynylbenzene CAS RN: 79887-09-5</p>
<p><b>P2339</b> 200mg 1g</p>  <p>4-(Propargyloxy)benzaldehyde CAS RN: 5651-86-5</p>	<p><b>E1175</b> 200mg 1g</p>  <p>1-Ethynyl-3,5-dimethoxybenzene CAS RN: 171290-52-1</p>	<p><b>E0626</b> 1g 5g</p>  <p>1-Ethynyl-4-(phenylethynyl)benzene CAS RN: 705-31-7</p>	<p><b>E0563</b> 5g 25g</p>  <p>1-Ethynyl-4-pentylbenzene CAS RN: 79887-10-8</p>	<p><b>B3701</b> 1g 5g</p>  <p>1-Bromo-4-ethynylbenzene CAS RN: 766-96-1</p>
<p><b>B4608</b> 1g 5g</p>  <p>2-Bromophenylacetylene CAS RN: 766-46-1</p>	<p><b>E1130</b> 200mg 1g</p>  <p>4-Ethynylbenzenesulfonamide CAS RN: 1788-08-5</p>	<p><b>E1170</b> 1g 5g</p>  <p>1-Ethynyl-4-(trifluoromethoxy)benzene CAS RN: 160542-02-9</p>	<p><b>B4521</b> 200mg 1g</p>  <p>1,3-Bis(2-propynyloxy)benzene CAS RN: 26627-36-1</p>	<p><b>B4607</b> 1g 5g</p>  <p>1,4-Bis(2-propynyloxy)benzene CAS RN: 34596-36-6</p>
<p><b>E0564</b> 5g 25g</p>  <p>1-Ethynyl-4-hexylbenzene CAS RN: 79887-11-9</p>	<p><b>D4233</b> 200mg 1g</p>  <p>4,4'-Diethynylbiphenyl CAS RN: 38215-38-2</p>	<p><b>E0967</b> 200mg 1g</p>  <p>1-Ethynyl-4-(phenylethynyl)benzene CAS RN: 92866-00-7</p>	<p><b>E0939</b> 200mg 1g</p>  <p>1-Ethynylpyrene CAS RN: 34993-56-1</p>	<p><b>T3135</b> 200mg 1g</p>  <p>1,3,5-Tris(2-propynyloxy)benzene CAS RN: 114233-80-6</p>

<p><b>T3151</b> 100mg 1g</p>  <p>Tetrakis(4-ethynylphenyl)methane CAS RN: 177991-01-4</p>	<p><b>P2227</b> 1g 5g</p>  <p>1-(2-Propynyloxy)naphthalene CAS RN: 18542-45-5</p>	<p><b>P2190</b> 200mg 1g</p>  <p>2-(2-Propynyloxy)naphthalene CAS RN: 20009-28-3</p>	<p><b>P2226</b> 200mg 1g</p>  <p>1-[(2-Propynyloxy)methyl]pyrene CAS RN: 1115084-83-7</p>	<p><b>B5444</b> 200mg 1g</p>  <p>1-Bromo-3,5-diethynylbenzene CAS RN: 144001-08-1</p>
<p><b>C3099</b> 1g 5g</p>  <p>1-Chloro-3-ethynylbenzene CAS RN: 766-83-6</p>	<p><b>D5314</b> 200mg 1g</p>  <p>1,4-Diethynyl-2,5-dimethylbenzene CAS RN: 75867-45-7</p>	<p><b>D5315</b> 200mg 1g</p>  <p>1,4-Diethynyl-2,5-dimethoxybenzene CAS RN: 74029-40-6</p>	<p><b>E0627</b> 1g 5g</p>  <p>3-Ethynylanisole CAS RN: 768-70-7</p>	<p><b>E1141</b> 1g 5g</p>  <p>4-Ethynylbiphenyl CAS RN: 29079-00-3</p>
<p><b>E1232</b> 1g</p>  <p>1-Ethynyl-4-(trans-4-propylcyclohexyl)benzene CAS RN: 88074-73-1</p>	<p><b>E1301</b> 1g 5g</p>  <p>9-Ethynylphenanthrene CAS RN: 32870-98-7</p>	<p><b>E1349</b> 1g</p>  <p>4-Ethynyl-1,2-difluorobenzene CAS RN: 143874-13-9</p>	<p><b>E1352</b> 1g 5g</p>  <p>1-Ethynyl-3,5-difluorobenzene CAS RN: 151361-87-4</p>	<p><b>E1353</b> 1g 5g</p>  <p>1-Ethynyl-3,5-bis(trifluoromethyl)benzene CAS RN: 88444-81-9</p>
<p><b>E1361</b> 1g 5g</p>  <p>2-Ethynyl-1,3,5-trimethylbenzene CAS RN: 769-26-6</p>	<p><b>E1362</b> 1g 5g</p>  <p>(4-Ethynylphenyl)trimethylsilane CAS RN: 16116-92-0</p>	<p><b>E1420</b> 1g</p>  <p>2-Ethynylbenzaldehyde CAS RN: 38846-64-9</p>	<p><b>N1148</b> 200mg 1g</p>  <p>3-Nitrophenylacetylene CAS RN: 3034-94-4</p>	<p><b>P2338</b> 200mg 1g</p>  <p>2-(Propargyloxy)benzaldehyde CAS RN: 29978-83-4</p>
<p><b>醇类</b> Alcohols</p>				
	<p><b>H1474</b> 5mL</p> <p><math>\text{HC}\equiv\text{C}(\text{CH}_2)_5\text{OH}</math></p> <p>6-Heptyn-1-ol CAS RN: 63478-76-2</p>	<p><b>B0799</b> 5mL 25mL</p> <p><math>\text{HC}\equiv\text{C}-\text{CH}_2\text{CH}_2\text{OH}</math></p> <p>3-Butyn-1-ol CAS RN: 927-74-2</p>	<p><b>B2909</b> 1g 5g</p>  <p>(R)-(+)-3-Butyn-2-ol CAS RN: 42969-65-3</p>	<p><b>B2910</b> 1g 5g</p>  <p>(S)-(-)-3-Butyn-2-ol CAS RN: 2914-69-4</p>
<p><b>B1001</b> 5mL 25mL</p>  <p>3-Butyn-2-ol CAS RN: 2028-63-9</p>	<p><b>M0180</b> 25mL 500mL</p>  <p>2-Methyl-3-butyn-2-ol CAS RN: 115-19-5</p>	<p><b>P0069</b> 10g</p> <p><math>\text{CH}_3\text{CH}_2-\text{CH}(\text{OH})-\text{C}\equiv\text{CH}</math></p> <p>1-Pentyn-3-ol CAS RN: 4187-86-4</p>	<p><b>P0817</b> 5mL 25mL</p> <p><math>\text{HC}\equiv\text{C}-\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}</math></p> <p>4-Pentyn-1-ol CAS RN: 5390-04-5</p>	<p><b>P0818</b> 5mL</p> <p><math>\text{HC}\equiv\text{C}-\text{CH}_2-\text{CH}(\text{OH})-\text{CH}_3</math></p> <p>4-Pentyn-2-ol CAS RN: 2117-11-5</p>
<p><b>M1312</b> 5mL 25mL</p>  <p>3-Methyl-1-penten-4-yn-3-ol CAS RN: 3230-69-1</p>	<p><b>H0141</b> 5mL 25mL</p> <p><math>\text{CH}_3\text{CH}_2\text{CH}_2-\text{CH}(\text{OH})-\text{C}\equiv\text{CH}</math></p> <p>1-Hexyn-3-ol CAS RN: 105-31-7</p>	<p><b>H0687</b> 5mL 25mL</p> <p><math>\text{HC}\equiv\text{C}-(\text{CH}_2)_4\text{OH}</math></p> <p>5-Hexyn-1-ol CAS RN: 928-90-5</p>	<p><b>H0462</b> 5mL</p> <p><math>\text{HC}\equiv\text{C}-\text{CH}_2-\text{CH}(\text{OH})-\text{CH}_2\text{CH}_3</math></p> <p>5-Hexyn-3-ol CAS RN: 19780-84-8</p>	<p><b>M0396</b> 25mL 100mL 500mL</p>  <p>3-Methyl-1-pentyn-3-ol CAS RN: 77-75-8</p>
<p><b>H0905</b> 100mg 1g</p>  <p>2-Hydroxy-3-butynoic Acid CAS RN: 38628-65-8</p>	<p><b>D1276</b> 10mL</p>  <p>3,4-Dimethyl-1-pentyn-3-ol CAS RN: 1482-15-1</p>	<p><b>E0273</b> 25mL</p>  <p>3-Ethyl-1-pentyn-3-ol CAS RN: 6285-06-9</p>	<p><b>H0455</b> 1mL 5mL</p> <p><math>\text{CH}_3(\text{CH}_2)_3-\text{CH}(\text{OH})-\text{C}\equiv\text{CH}</math></p> <p>1-Heptyn-3-ol CAS RN: 7383-19-9</p>	

<p><b>M0961</b> 5mL</p>  <p>5-Methyl-1-hexyn-3-ol CAS RN: 61996-79-0</p>	<p><b>E0297</b> 25g 500g</p>  <p>1-Ethynyl-1-cyclohexanol CAS RN: 78-27-3</p>	<p><b>D0737</b> 25mL 100mL 500mL</p>  <p>3,5-Dimethyl-1-hexyn-3-ol CAS RN: 107-54-0</p>	<p><b>O0235</b> 1g 5g</p>  <p>(S)-1-Octyn-3-ol CAS RN: 32556-71-1</p>	<p><b>O0196</b> 25mL 250mL</p>  <p>1-Octyn-3-ol CAS RN: 818-72-4</p>
<p><b>O0445</b> 1mL 5mL</p> <p><math>\text{HC}\equiv\text{C}(\text{CH}_2)_6\text{OH}</math></p> <p>7-Octyn-1-ol CAS RN: 871-91-0</p>	<p><b>H0823</b> 1g</p>  <p>Ethyl 2-Hydroxy-3-butynoate CAS RN: 18418-08-1</p>	<p><b>P0220</b> 1g 5g 25g</p>  <p>1-Phenyl-2-propyn-1-ol CAS RN: 4187-87-5</p>	<p><b>D3710</b> 5g 25g</p> <p><math>\text{HC}\equiv\text{C}(\text{CH}_2)_8\text{OH}</math></p> <p>9-Decyn-1-ol CAS RN: 17643-36-6</p>	<p><b>E0270</b> 25mL 500mL</p>  <p>4-Ethyl-1-octyn-3-ol CAS RN: 5877-42-9</p>
<p><b>U0055</b> 5g</p> <p><math>\text{HC}\equiv\text{C}-(\text{CH}_2)_9\text{OH}</math></p> <p>10-Undecyn-1-ol CAS RN: 2774-84-7</p>	<p><b>E0548</b> 5g</p>  <p>9-Ethynyl-9-fluorenone CAS RN: 13461-74-0</p>	<p><b>D2495</b> 5g 25g</p>  <p>1,1-Diphenyl-2-propyn-1-ol CAS RN: 3923-52-2</p>	<p><b>羧酸 &amp; 酯类</b> Carboxylic Acids &amp; Esters</p>	
<p><b>B4969</b> 200mg</p>  <p>3-Butynoic Acid CAS RN: 2345-51-9</p>	<p><b>H0905</b> 100mg 1g</p>  <p>2-Hydroxy-3-butynoic Acid CAS RN: 38628-65-8</p>	<p><b>H0882</b> 5g 25g</p>  <p>5-Hexynoic Acid CAS RN: 53293-00-8</p>	<p><b>U0054</b> 1g 5g</p>  <p>10-Undecynoic Acid CAS RN: 2777-65-3</p>	<p><b>H0964</b> 5g 25g</p>  <p>2-Hexyl-4-pentynoic Acid CAS RN: 96017-59-3</p>
<p><b>P0528</b> 5mL 25mL</p>  <p>Methyl Propiolate CAS RN: 922-67-8</p>	<p><b>P0529</b> 5mL 25mL</p>  <p>Ethyl Propiolate CAS RN: 623-47-2</p>	<p><b>P1038</b> 5g 25g</p>  <p>tert-Butyl Propiolate CAS RN: 13831-03-3</p>	<p><b>H0823</b> 1g</p>  <p>Ethyl 2-Hydroxy-3-butynoate CAS RN: 18418-08-1</p>	<p><b>D4616</b> 1g 5g</p>  <p>Diethyl 2-Propynylmalonate CAS RN: 17920-23-9</p>
<p><b>B4007</b> 1g</p>  <p>Boc-propargyl-Gly-OH CAS RN: 63039-48-5</p>	<p><b>F0926</b> 1g</p>  <p>Fmoc-propargyl-Gly-OH CAS RN: 198561-07-8</p>	<p><b>P2341</b> 1g 5g</p>  <p>4-Pentynoic Acid CAS RN: 6089-09-4</p>	<p><b>胺类</b> Amines</p>	
<p><b>P0911</b> 5mL 25mL</p> <p><math>\text{HC}\equiv\text{CCH}_2\text{NH}_2</math></p> <p>Propargylamine CAS RN: 2450-71-7</p>	<p><b>P0990</b> 5g 25g</p> <p><math>\text{HC}\equiv\text{CCH}_2\text{NH}_2 \cdot \text{HCl}</math></p> <p>Propargylamine Hydrochloride CAS RN: 15430-52-1</p>	<p><b>P2166</b> 1g 5g</p>  <p>2-(2-Propynyloxy)ethylamine CAS RN: 122116-12-5</p>	<p><b>D4685</b> 1mL 5mL</p>  <p>Dipropargylamine CAS RN: 6921-28-4</p>	<p><b>D2794</b> 5mL 25mL</p>  <p>N,N-Dimethylpropargylamine CAS RN: 7223-38-3</p>
<p><b>D4964</b> 1g 5g</p>  <p>N,N-Dipropargyl-p-toluenesulfonamide CAS RN: 18773-54-1</p>	<p><b>B5925</b> 200mg 1g</p> <p><math>\text{HC}\equiv\text{C}-\text{CH}_2\text{CH}_2\text{NH}_2 \cdot \text{HCl}</math></p> <p>3-Butyn-1-amine Hydrochloride CAS RN: 88211-50-1</p>	<p><b>D5393</b> 5mL 25mL</p>  <p>3-Diethylamino-1-propyne CAS RN: 4079-68-9</p>	<p><b>E0505</b> 10g 25g</p>  <p>4-Ethynylaniline CAS RN: 14235-81-5</p>	<p><b>E0894</b> 1g</p>  <p>4-Ethynyltriphenylamine CAS RN: 205877-26-5</p>

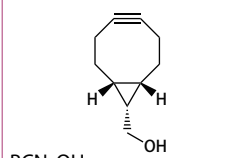
<p><b>E1021</b> 1g 5g</p>  <p>4-Ethynyl-<i>N,N</i>-dimethylaniline CAS RN: 17573-94-3</p>	<p><b>P2224</b> 1g 5g</p>  <p>4-(2-Propynyloxy)aniline CAS RN: 26557-78-8</p>	<p><b>R0213</b> 250mg 1g 5g</p>  <p>Rasagiline Mesylate CAS RN: 161735-79-1</p>	<p><b>T2992</b> 1g 5g</p>  <p>Tripropargylamine CAS RN: 6921-29-5</p>	<p><b>T3094</b> 1g</p>  <p>Tris(4-ethynylphenyl)-amine CAS RN: 189178-09-4</p>
<p><b>杂环化合物</b> <b>Heterocyclic Compounds</b></p>				
<p><b>P2170</b> 200mg 1g</p>  <p>4-Propargylmorpholine CAS RN: 5799-76-8</p>	<p><b>T3169</b> 1g 5g</p>  <p>4-Propargyloxy-TEMPO Free Radical CAS RN: 147045-24-7</p>	<p><b>P1624</b> 25g</p>  <p>2-(2-Propynyloxy)-tetrahydropyran CAS RN: 6089-04-9</p>	<p><b>P2191</b> 200mg 1g</p>  <p><i>N</i>-(2-Propynyl)succinimide CAS RN: 10478-33-8</p>	<p><b>P2228</b> 200mg 1g</p>  <p>1-Propargylpiperazine CAS RN: 52070-67-4</p>
<p><b>P2170</b> 200mg 1g</p>  <p>4-Propargylmorpholine CAS RN: 5799-76-8</p>	<p><b>P1469</b> 5g 25g</p>  <p>4-Propargylthiomorpholine 1,1-Dioxide CAS RN: 10442-03-2</p>	<p><b>P2329</b> 5g 25g</p>  <p><i>N</i>-Propargylphthalimide CAS RN: 7223-50-9</p>	<p><b>P2342</b> 1g 5g</p>  <p><i>N</i>-(Propargyloxy)phthalimide CAS RN: 4616-63-1</p>	<p><b>E0579</b> 1g 5g</p>  <p>4-Ethynylphthalic Anhydride CAS RN: 73819-76-8</p>
<p><b>E0915</b> 1g 5g</p>  <p>2-Ethynylthiophene CAS RN: 4298-52-6</p>	<p><b>E0892</b> 1g 5g</p>  <p>3-Ethynylthiophene CAS RN: 67237-53-0</p>	<p><b>E0340</b> 1mL 5mL</p>  <p>2-Ethynylpyridine CAS RN: 1945-84-2</p>	<p><b>E0560</b> 1g 5g</p>  <p>3-Ethynylpyridine CAS RN: 2510-23-8</p>	<p><b>E0561</b> 100mg 500mg</p>  <p>4-Ethynylpyridine CAS RN: 2510-22-7</p>
<p><b>E1043</b> 1g 5g</p>  <p>4-Ethynylpyridine Hydrochloride CAS RN: 352530-29-1</p>	<p><b>D5097</b> 200mg 1g</p>  <p>2,6-Diethynylpyridine CAS RN: 75867-46-8</p>	<p><b>E1096</b> 200mg 1g</p>  <p>5-Ethynyluracil CAS RN: 59989-18-3</p>	<p><b>E1057</b> 50mg 200mg</p>  <p>EdU CAS RN: 61135-33-9</p>	<p><b>E1093</b> 50mg 200mg</p>  <p>5-Ethynyl-2'-deoxycytidine CAS RN: 69075-47-4</p>
<p><b>E1055</b> 1g 5g</p>  <p>9-(4-Ethynylphenyl)carbazole CAS RN: 262861-81-4</p>	<p><b>B4921</b> 200mg 1g</p>  <p>4-Bromo-2,6-diethynylpyridine CAS RN: 1374038-64-8</p>	<p><b>B5179</b> 200mg 1g</p>  <p>5-Bromo-2-ethynylpyridine CAS RN: 111770-86-6</p>	<p><b>D4613</b> 1g 5g</p>  <p>3,5-Diethynylpyridine CAS RN: 67227-90-1</p>	<p><b>D4664</b> 250mg 1g</p>  <p>2,5-Diethynylpyridine CAS RN: 137000-75-0</p>
<p><b>E1091</b> 200mg</p>  <p>2-Ethynylbenzothiazole CAS RN: 40176-80-5</p>	<p><b>E1092</b> 200mg 1g</p>  <p>7-Ethynylcoumarin CAS RN: 270088-04-5</p>	<p><b>F1222</b> 25mg</p>  <p>5-FAM-Alkyne CAS RN: 510758-19-7</p>	<p><b>M3184</b> 1g 5g</p>  <p>1-(4-Morpholinophenyl)-1-phenylprop-2-yn-1-ol CAS RN: 194940-93-7</p>	<p><b>P2139</b> 25mg 100mg</p>  <p><i>N</i>-Propargylmaleimide CAS RN: 209395-32-4</p>
<p><b>聚乙二醇</b> <b>Polyethylene Glycols (PEG)</b></p>				
<p><b>P2249</b> 25mg 100mg</p>  <p>mPEG<sub>4</sub>-Alkyne CAS RN: 1101668-39-6</p>	<p><b>D4580</b> 1g</p>  <p>2-[2-(2-Propyn-1-yloxy)ethoxy]ethanol CAS RN: 7218-43-1</p>	<p><b>T3114</b> 1g 5g</p>  <p>Triethylene Glycol Monopropargyl Ether CAS RN: 208827-90-1</p>	<p><b>P2283</b> 25mg</p>  <p>Alkyne-PEG<sub>5</sub>-NHS Ester CAS RN: 1393330-40-9</p>	

<p><b>P2225</b> 1g 5g</p>  <p>2-[2-(2-Propynyloxy)ethoxy]ethylamine CAS RN: 944561-44-8</p>	<p><b>E1054</b> 5g 25g</p>  <p>Ethylene Glycol 1,2-Bis(2-propynyl) Ether CAS RN: 40842-04-4</p>	<p><b>D4581</b> 5g 25g</p>  <p>Diethylene Glycol Bis(2-propynyl) Ether CAS RN: 126422-57-9</p>	<p>其它 Others</p>	<p><b>B2393</b> 1g 5g</p>  <p>3-Butyn-2-one CAS RN: 1423-60-5</p>
<p><b>P1173</b> 5mL 25mL</p>  <p>Propargylaldehyde Diethyl Acetal CAS RN: 10160-87-9</p>	<p><b>M0860</b> 5mL 25mL</p>  <p>Methyl Propargyl Ether CAS RN: 627-41-8</p>	<p><b>G0445</b> 1g 5g</p>  <p>Glycidyl Propargyl Ether CAS RN: 18180-30-8</p>	<p><b>T1455</b> 5g</p>  <p>Propargyl <i>p</i>-Toluenesulfonate CAS RN: 6165-76-0</p>	<p><b>B5163</b> 5mL 25mL</p>  <p><i>tert</i>-Butyldimethyl-(2-propynyloxy)silane CAS RN: 76782-82-6</p>
<p><b>P2258</b> 1g 5g</p>  <p>2-Propynyl [3-(Triethoxysilyl)propyl]carbamate CAS RN: 870987-68-1</p>	<p><b>T2046</b> 5g</p>  <p>3-Butynyl <i>p</i>-Toluenesulfonate CAS RN: 23418-85-1</p>	<p><b>B5042</b> 1mL</p>  <p>4-(<i>tert</i>-Butyldimethylsilyloxy)-1-butyne CAS RN: 78592-82-2</p>	<p><b>T1224</b> 5g</p>  <p>1-Butyn-3-yl <i>p</i>-Toluenesulfonate CAS RN: 53487-52-8</p>	<p><b>P2171</b> 200mg 1g</p>  <p>2-Propynylurea CAS RN: 5221-62-5</p>
<p><b>B4472</b> 1g 5g</p>  <p><i>N</i>-(<i>tert</i>-Butoxycarbonyl)propargylamine CAS RN: 92136-39-5</p>	<p><b>M2618</b> 1g</p>  <p><i>N</i>-Methyl-<i>N</i>-propargylbenzylamine CAS RN: 555-57-7</p>	<p><b>E1074</b> 200mg 1g</p>  <p>Ethynylboronic Acid Pinacol Ester CAS RN: 347389-74-6</p>	<p><b>E0466</b> 1g 5g</p>  <p>Ethynyl <i>p</i>-Tolyl Sulfone CAS RN: 13894-21-8</p>	<p><b>H1214</b> 5g 25g</p>  <p>6-Heptynenitrile CAS RN: 15295-69-9</p>
<p><b>P1438</b> 5g 25g</p>  <p>Triphenylpropargylphosphonium Bromide CAS RN: 2091-46-5</p>	<p><b>P2335</b> 1g 5g</p>  <p>Propargyl Ether CAS RN: 6921-27-3</p>	<p><b>P2336</b> 1g 5g</p>  <p>Propargyl Sulfide CAS RN: 13702-09-5</p>	<p><b>B5958</b> 1g</p>  <p><i>N</i>-Carbobenzoxypropargylamine CAS RN: 120539-91-5</p>	<p><b>D4963</b> 1g 5g</p>  <p>Dimethyl Dipropargylmalonate CAS RN: 63104-44-9</p>
<p><b>M2768</b> 1g 5g</p>  <p>Methyl 4-Ethynylbenzoate CAS RN: 3034-86-4</p>	<p><b>P2374</b> 1g 5g</p>  <p>Propyzamide CAS RN: 23950-58-5</p>	<p><b>P2603</b> 1g</p>  <p><i>N</i>-Propargyltrifluoroacetamide CAS RN: 14719-21-2</p>	<p><b>T1239</b> 5mL 25mL 250mL</p>  <p>Trimethylsilylacetylene CAS RN: 1066-54-2</p>	<p><b>T1683</b> 5mL 25mL</p>  <p>Triisopropylsilylacetylene CAS RN: 89343-06-6</p>
<p><b>T2387</b> 1g 5g</p>  <p>Triethylsilylacetylene CAS RN: 1777-03-3</p>				

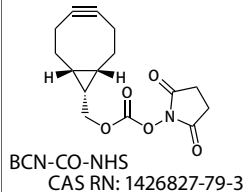
## 无铜点击反应试剂

### Cu-free Click Reaction Reagents

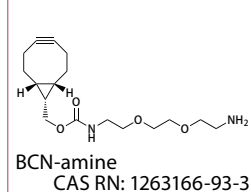
**B5467** 100mg



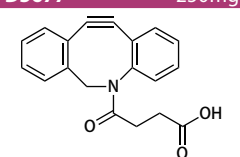
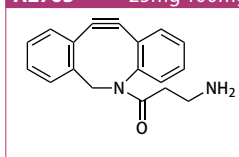
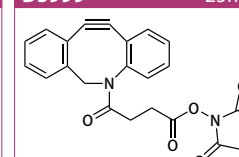
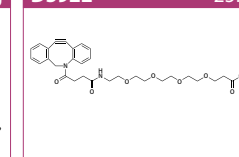
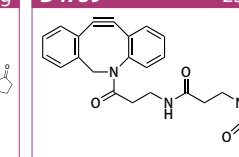
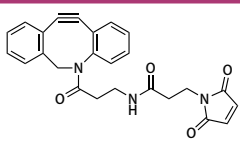
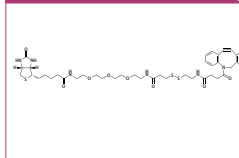
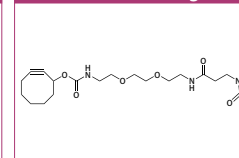
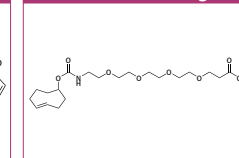
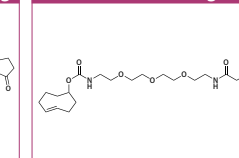
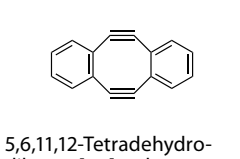
**B6275** 10mg 100mg



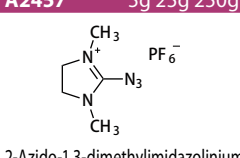
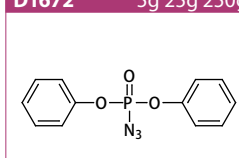
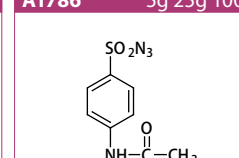
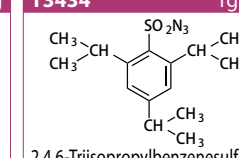
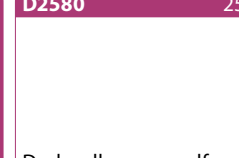
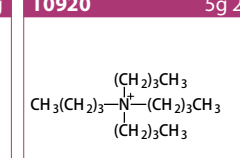
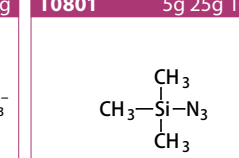
**B4062** 25mg 100mg



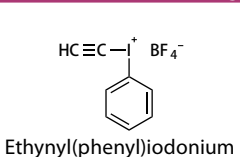
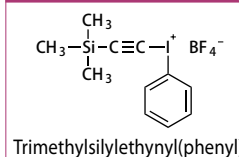
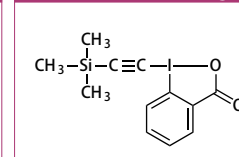
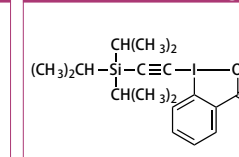
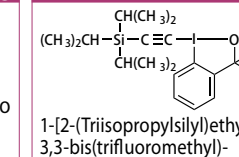
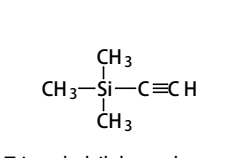
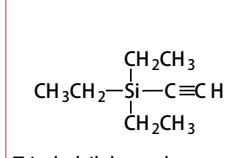
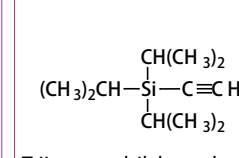
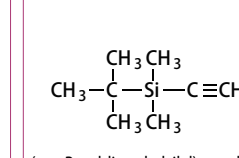
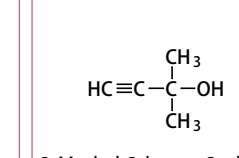


<b>D5677</b> 250mg  DBCO-Acid CAS RN: 1353016-70-2	<b>A2763</b> 25mg 100mg  DBCO-amine CAS RN: 1255942-06-3	<b>D5999</b> 25mg  DBCO-NHS CAS RN: 1353016-71-3	<b>D5922</b> 25mg  DBCO-PEG4-NHS Ester CAS RN: 1427004-19-0	<b>D4739</b> 25mg  DBCO-maleimide CAS RN: 1395786-30-7
<b>D5849</b> 1set  DBCO-maleimide (2mg x 5) CAS RN: 1395786-30-7	<b>D5552</b> 25mg  DBCO-S-S-PEG3-Biotin CAS RN: 1430408-09-5	<b>C3700</b> 5mg 25mg  SCO-PEG2-Maleimide CAS RN: 2141976-23-8	<b>T3949</b> 5mg 25mg  TCO-PEG4-NHS CAS RN: 1621096-79-4	<b>T3948</b> 5mg 25mg  TCO-PEG3-Maleimide CAS RN: 1914971-04-2
<b>T3241</b> 100mg 500mg  5,6,11,12-Tetrahydrodibenzo[a,e]cyclooctene CAS RN: 53397-65-2				

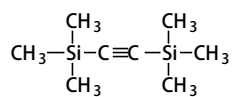
## 叠氮化试剂 Azidation Reagents

<b>A2457</b> 5g 25g 250g  2-Azido-1,3-dimethylimidazolium Hexafluorophosphate CAS RN: 1266134-54-6	<b>D1672</b> 5g 25g 250g  Diphenylphosphoryl Azide CAS RN: 26386-88-9	<b>A1786</b> 5g 25g 100g  4-Acetamidobenzenesulfonyl Azide CAS RN: 2158-14-7	<b>T3434</b> 1g 5g  2,4,6-Triisopropylbenzenesulfonyl Azide (wetted with ca. 10% Water) CAS RN: 36982-84-0	<b>D2580</b> 25g  Dodecylbenzenesulfonyl Azide (soft type) (mixture) CAS RN: 79791-38-1	<b>T0920</b> 5g 25g  Tetrabutylammonium Azide CAS RN: 993-22-6	<b>T0801</b> 5g 25g 100g  Trimethylsilyl Azide CAS RN: 4648-54-8
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## 乙炔基化试剂 Ethylation Reagents

<b>E0467</b> 1g  Ethynyl(phenyl)iodonium Tetrafluoroborate CAS RN: 127783-34-0	<b>P1239</b> 1g  Trimethylsilylethynyl(phenyl)iodonium Tetrafluoroborate CAS RN: 127783-36-2	<b>T3272</b> 1g 5g  TMS-EBX CAS RN: 181934-29-2	<b>T3039</b> 200mg 1g  TIPS-EBX CAS RN: 181934-30-5	<b>T3590</b> 200mg  1-[2-(Triisopropylsilyl)ethynyl]-3,3-bis(trifluoromethyl)-1,2-benziodoxole CAS RN: 181934-34-9
<b>T1239</b> 5mL 25mL 250mL  Trimethylsilylacetylene CAS RN: 1066-54-2	<b>T2387</b> 1g 5g  Triethylsilylacetylene CAS RN: 1777-03-3	<b>T1683</b> 5mL 25mL  Triisopropylsilylacetylene CAS RN: 89343-06-6	<b>B4365</b> 5g 25g  (tert-Butyldimethylsilyl)acetylene CAS RN: 86318-61-8	<b>M0180</b> 25mL 500mL  2-Methyl-3-butyn-2-ol CAS RN: 115-19-5

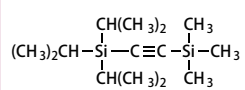
**B1090** 5g 25g



BTMSA

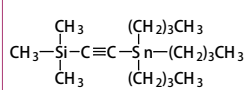
CAS RN: 14630-40-1

**T3271** 1mL 5mL



Triisopropyl[(trimethylsilyl)-  
ethynyl]silane  
CAS RN: 107474-02-2

**T1865** 5g 25g



Tributyl(trimethylsilylethynyl)tin  
CAS RN: 81353-38-0







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