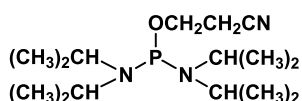


# 核酸药物合成研究试剂

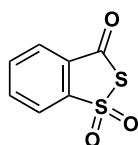
近来，核酸药物受到了广泛关注<sup>\*)</sup>。核酸药物是由DNA和RNA结构组分制备的药物产品，因此称为核酸或寡核苷酸药物。这些药物直接作用于基因表达和致病蛋白，在治疗以往的疑难病症上有很广的应用前景。作为一种医药产品，核酸药物仅次于抗体药物，并且其市场有望进一步扩大。我们提供以下可用于核酸药物合成研究的产品。更多产品应用信息请参考TCI网站。

\*) V. K. Sharma, P. Rungta, A. K. Prasad, *RSC Adv.* **2014**, *4*, 16618.

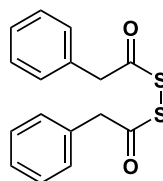
## 亚磷酰胺化试剂<sup>1-3)</sup>



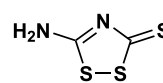
**2-Cyanoethyl  
N,N,N',N'-Tetraisopropyl-  
phosphordiamidite**  
1g / 5g  
[C2228]



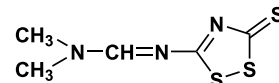
**Beaucage Reagent**  
1g / 5g  
[B3125]



**Bis(phenylacetyl)  
Disulfide**  
5g / 25g  
[B3623]



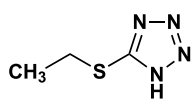
**Xanthane Hydride**  
25g / 100g / 500g  
[X0001]



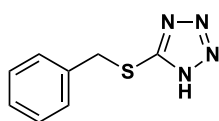
**DDTT**  
5g / 25g  
[D5920]

D5920 is unavailable in the U.S.

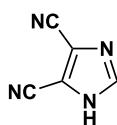
## 硫转移试剂<sup>4-7)</sup>



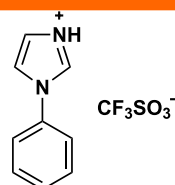
**5-(Ethylthio)-  
1H-tetrazole**  
1g / 5g  
[E0670]



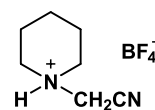
**5-(Benzylthio)-  
1H-tetrazole**  
25g  
[B3020]



**4,5-Dicyano-  
imidazole**  
25g / 250g  
[D2026]



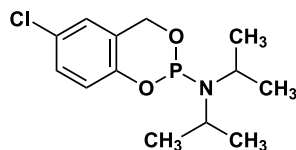
**1-Phenyl-  
1H-imidazol-3-ium  
Triflate**  
5g / 25g  
P2822



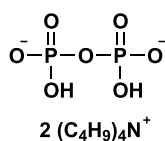
**1-(Cyanomethyl)-  
piperidinium  
Tetrafluoroborate**  
5g  
[C2421]

## 缩合活化剂<sup>8-11)</sup>

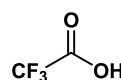
## 5'-O-三磷酸化试剂<sup>12)</sup>



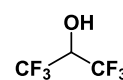
**5-Chlorosaligenyl-  
N,N-diisopropylphosphoramidite**  
200mg / 1g  
[C3326]



**Bis(tetrabutylammonium)  
Dihydrogen Pyrophosphate**  
200mg  
[B5440]



**TFA**  
25g / 100g / 500g  
[T0431]



**HFIP**  
25g / 100g / 250g / 500g  
[H0424]

## 脱保护试剂

## 羟基和氨基保护试剂

<b>4,4'-Dimethoxytrityl Chloride</b>	5g / 25g [D1612]
<b>Benzoyl Chloride</b>	25mL / 500mL [B0105]
<b>Isobutyryl Chloride</b>	25g / 100g / 500g [I0115]
<b>N,N-Dimethylformamide Dimethyl Acetal</b>	25mL / 100mL / 500mL [D1293]

## 用于寡核苷酸合成的受保护核苷

<b>N<sup>6</sup>-Benzoyl-2'-deoxyadenosine Hydrate</b>	100mg / 1g [B3101]
<b>N<sup>6</sup>-Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxyadenosine</b>	100mg / 1g [B3103]
<b>5'-O-(4,4'-Dimethoxytrityl)thymidine</b>	5g / 25g [D3566]
<b>N<sup>2</sup>-Isobutyryl-2'-deoxyguanosine</b>	100mg / 1g [I0700]
<b>N<sup>4</sup>-Benzoyl-2'-deoxycytidine</b>	100mg / 1g [B3102]
<b>N<sup>4</sup>-Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxycytidine</b>	1g / 5g [B3087]
<b>N<sup>6</sup>-Benzoyladenosine Hydrate</b>	1g / 5g [B3093]
<b>N<sup>6</sup>-Dibenzoyladenosine 2',3'-Dibenzoate</b>	100mg / 1g [B3460]
<b>N<sup>2</sup>-Isobutyrylguanosine Monohydrate</b>	100mg / 1g [I0699]
<b>N<sup>4</sup>-Benzoylcytidine</b>	1g / 5g [B3094]

## 2'-取代核苷

<b>2'-Deoxy-2'-fluorouridine</b>	1g / 5g [D3615]
<b>2'-Deoxy-2'-fluorocytidine Hydrate</b>	1g [D3614]
<b>2'-O-Methyladenosine</b>	1g [M2291]
<b>2'-O-Methyluridine</b>	1g / 5g [M2290]
<b>2'-O-Methylguanosine Hydrate</b>	200mg / 1g [M2318]
<b>2'-O-Methylcytidine</b>	200mg / 1g [M2317]

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