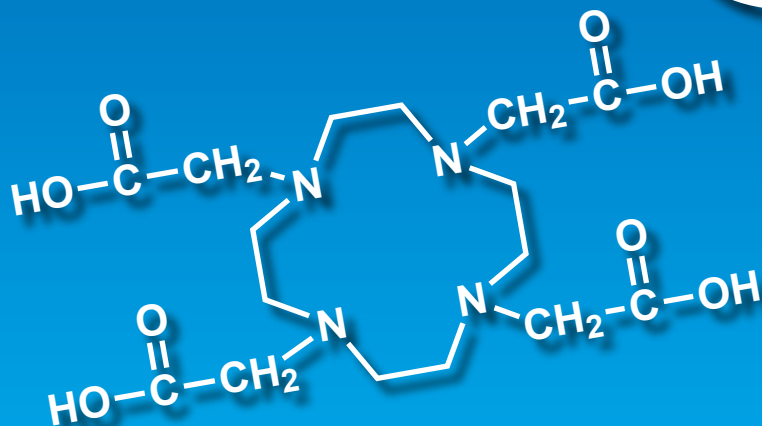
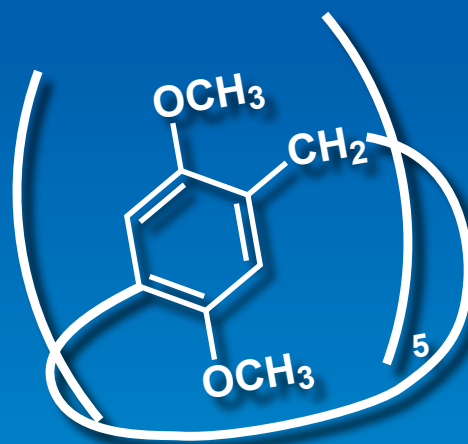


# Macrocycles for Host-Guest Chemistry



Cycloparaphenylenes

Pillararenes

Calixarenes

Thiacalixarenes

Cyclophanes

Crown Ethers

Aza-crown Ethers

Thia-crown Ethers

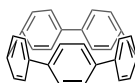
Cyclodextrins

# Macrocycles for Host-Guest Chemistry

Host-compounds recognize and incorporate specific molecules, atoms or ions (guests) into the molecules to form complexes. In the formation of these complexes, a variety of forces such as electrostatic interaction, hydrophobic interaction, hydrogen bonding, etc. are utilized to create high selectivity. Molecular sensors, synthetic enzymes, separation systems, etc. utilize the high guest selectivity of these host compounds. Synthesis of new host compounds with even higher selectivity are currently being developed.

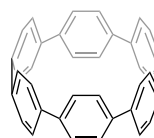
## Cycloparaphenylenes

**C2931** 20mg 100mg



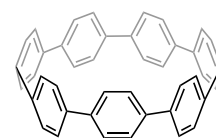
[5]Cycloparaphenylene  
CAS RN: 96100-94-6

**C3386** 20mg



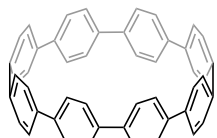
[6]Cycloparaphenylene  
CAS RN: 156980-13-1

**C3571** 10mg



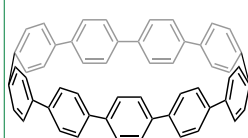
[7]Cycloparaphenylene  
CAS RN: 1222105-42-1

**C3544** 20mg



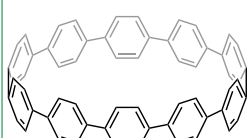
[8]Cycloparaphenylene  
CAS RN: 1217269-85-6

**C3465** 20mg



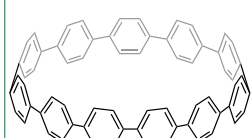
[9]Cycloparaphenylene  
CAS RN: 1092522-74-1

**C3493** 20mg



[10]Cycloparaphenylene  
CAS RN: 1222105-46-5

**C3536** 10mg



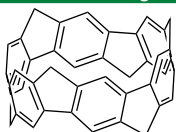
[11]Cycloparaphenylene  
CAS RN: 1222105-48-7

**C2449** 10mg



[12]Cycloparaphenylene  
CAS RN: 1092522-75-2

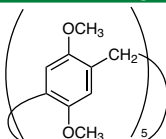
**M3419** 10mg 50mg



Methylene-bridged  
[6]cycloparaphenylene  
CAS RN: 2424119-19-5

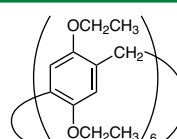
## Pillararenes

**D4471** 100mg 1g 5g



Dimethoxypillar[5]arene  
CAS RN: 1188423-16-6

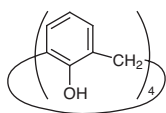
**D6095** 1g



Diethoxypillar[6]arene  
CAS RN: 1207685-12-8

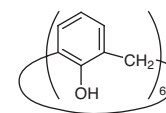
## Calixarenes

**C1455** 100mg 1g



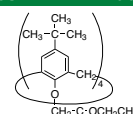
Calix[4]arene  
(contains ca. 8% Chloroform)  
CAS RN: 74568-07-3

**H0713** 1g 5g

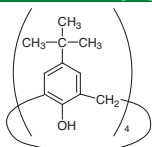


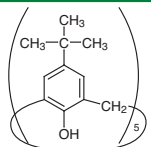
Calix[6]arene  
CAS RN: 96107-95-8

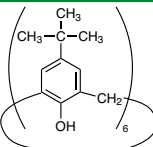
**T2563** 200mg 1g

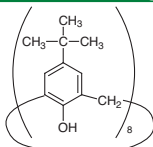


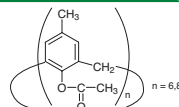
Tetraethyl  
4-*tert*-Butylcalix[4]arene-*O,O',O'',O'''*-tetraacetate  
CAS RN: 97600-39-0

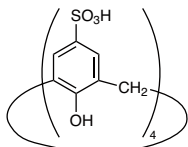
**B1809** 1g 5g 25g

 4-*tert*-Butylcalix[4]arene  
CAS RN: 60705-62-6

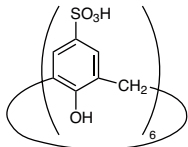
**B2221** 100mg

 4-*tert*-Butylcalix[5]arene  
CAS RN: 81475-22-1

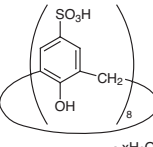
**B5375** 1g 5g

 4-*tert*-Butylcalix[6]arene  
CAS RN: 78092-53-2

**B1750** 5g 25g

 4-*tert*-Butylcalix[8]arene  
CAS RN: 68971-82-4

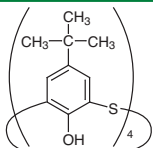
**H0889** 100mg 1g

 4-Methyl-1-acetoxycalixarene  
[mixture of [6] and [8]]  
(contains 5-10% Acetone)

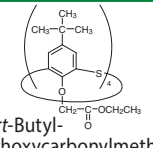
**S0469** 1g 5g

 4-Sulfocalix[4]arene  
CAS RN: 112269-92-8

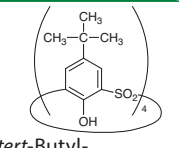
**S0470** 1g 5g

 4-Sulfocalix[6]arene  
CAS RN: 102088-39-1

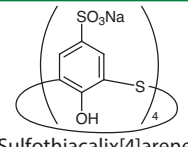
**S0471** 1g 5g

 4-Sulfocalix[8]arene Hydrate  
CAS RN: 844478-23-5

## Thiacalixarenes

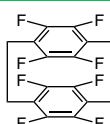
**B2296** 1g 5g

 4-*tert*-Butylthiacalix[4]arene  
CAS RN: 182496-55-5

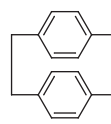
**B2310** 1g 5g

 4-*tert*-Butyl-1-(ethoxycarbonylmethoxy)-thiacalix[4]arene  
CAS RN: 210706-03-9

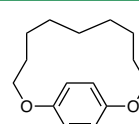
**B2312** 1g 5g

 4-*tert*-Butyl-sulfonylcalix[4]arene  
CAS RN: 204190-49-8

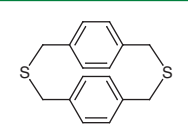
**S0477** 1g 5g

 4-Sulfothiacalix[4]arene  
Sodium Salt  
CAS RN: 211561-04-5

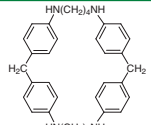
## Cyclophanes

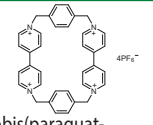
**O0455** 1g 5g

 4,5,7,8,12,13,15,16-Octafluoro-[2.2]paracyclophane  
CAS RN: 1785-64-4

**P1165** 1g

 [2.2]Paracyclophane  
CAS RN: 1633-22-3

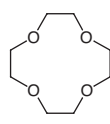
**D4298** 250mg 1g

 1,11-Dioxo[11]paracyclophane  
CAS RN: 6571-51-3

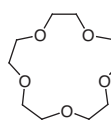
**D2210** 100mg 500mg

 2,11-Dithia[3.3]paracyclophane  
CAS RN: 28667-63-2

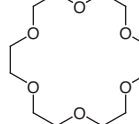
**T1378** 100mg

 1,6,20,25-Tetraaza[6.1.6.1]-paracyclophane  
CAS RN: 74043-83-7

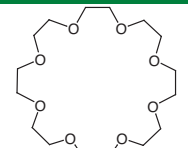
**C1749** 1g 5g

 Cyclobis(paraquat-1,4-phenylene)  
Tetrakis(hexafluorophosphate)  
CAS RN: 14319-13-2

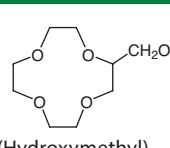
## Crown Ethers

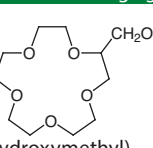
**C0858** 1mL 5mL

 12-Crown 4-Ether  
CAS RN: 294-93-9

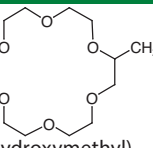
**C0859** 5mL 25mL

 15-Crown 5-Ether  
CAS RN: 33100-27-5

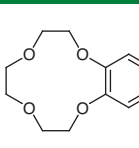
**C0860** 5g 25g 100g

 18-Crown 6-Ether  
CAS RN: 17455-13-9

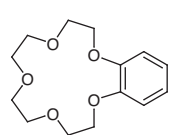
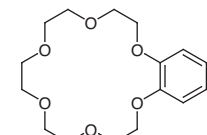
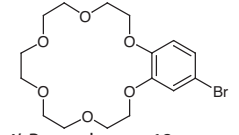
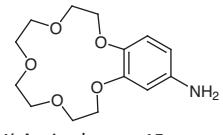
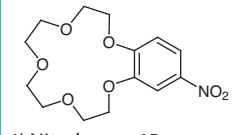
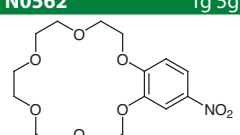
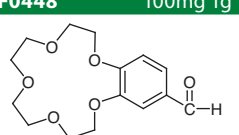
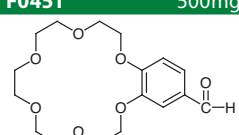
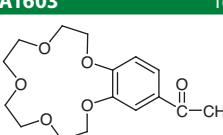
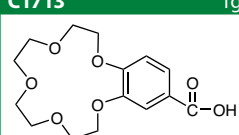
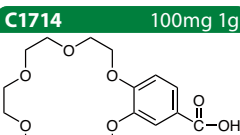
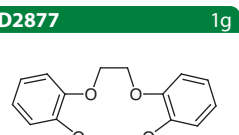
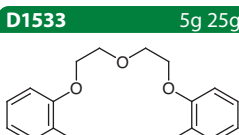
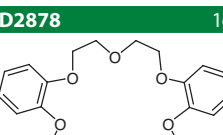
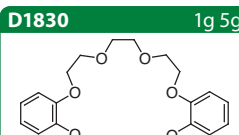
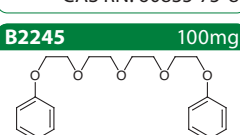
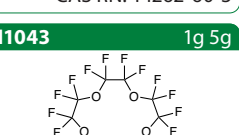
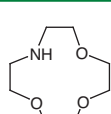
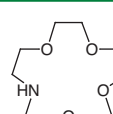
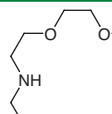
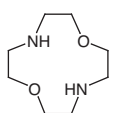
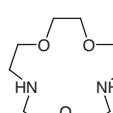
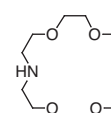


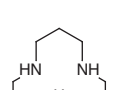
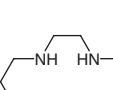
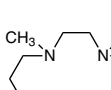
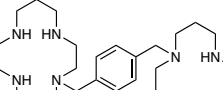

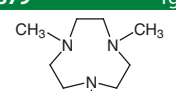
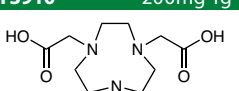
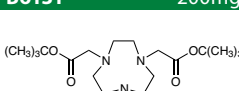
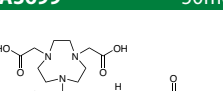
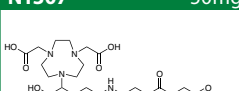
**C1736** 1g

 24-Crown 8-Ether  
CAS RN: 33089-37-1

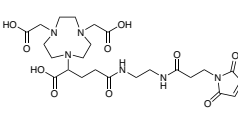
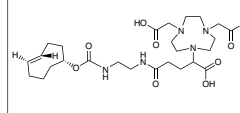
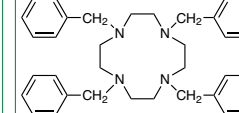
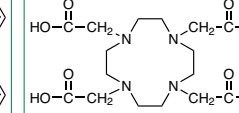
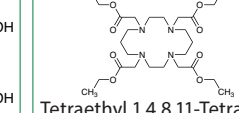
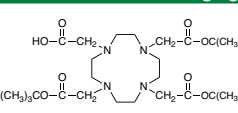
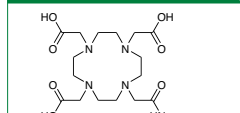
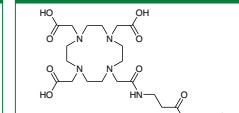
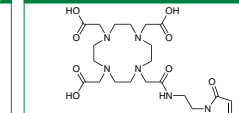
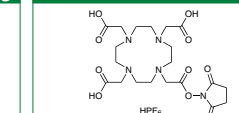
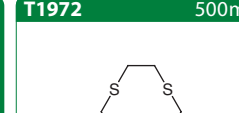
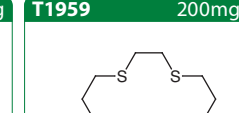






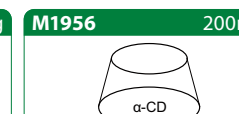
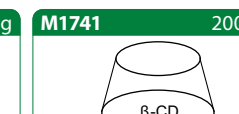
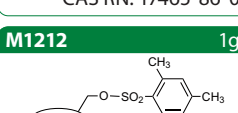

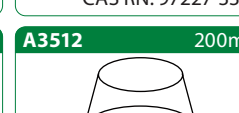
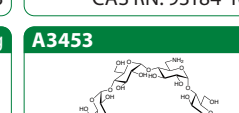
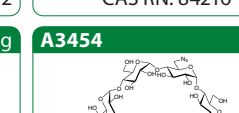
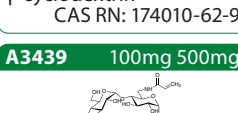
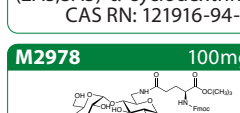
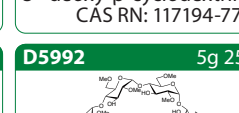
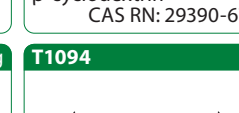
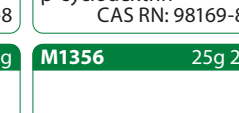
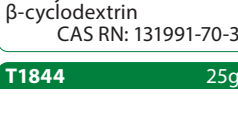
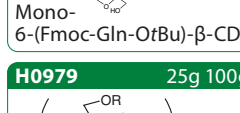
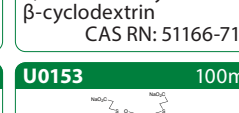
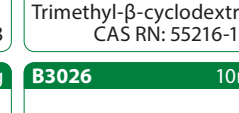
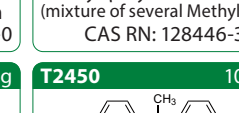
**H0982** 1g 5g

 2-(Hydroxymethyl)-12-crown 4-Ether  
CAS RN: 75507-26-5

**H0983** 1g 5g 25g

 2-(Hydroxymethyl)-15-crown 5-Ether  
CAS RN: 75507-25-4

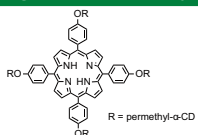
**H0990** 200mg 1g

 2-(Hydroxymethyl)-18-crown 6-Ether  
CAS RN: 70069-04-4

**B1249** 1g 5g

 Benzo-12-crown 4-Ether  
CAS RN: 14174-08-4

<p><b>B1154</b> 1g 5g</p>  <p>Benzo-15-crown 5-Ether CAS RN: 14098-44-3</p>	<p><b>B1539</b> 1g 5g</p>  <p>Benzo-18-crown 6-Ether CAS RN: 14098-24-9</p>	<p><b>B2181</b> 1g 5g</p>  <p>4'-Bromobenzo-18-crown 6-Ether CAS RN: 75460-28-5</p>	<p><b>A1404</b> 1g</p>  <p>4'-Aminobenzo-15-crown 5-Ether CAS RN: 60835-71-4</p>	<p><b>N0561</b> 1g 5g</p>  <p>4'-Nitrobenzo-15-crown 5-Ether CAS RN: 60835-69-0</p>			
<p><b>N0562</b> 1g 5g</p>  <p>4'-Nitrobenzo-18-crown 6-Ether CAS RN: 53408-96-1</p>	<p><b>F0448</b> 100mg 1g</p>  <p>4'-Formylbenzo-15-crown 5-Ether CAS RN: 60835-73-6</p>	<p><b>F0451</b> 500mg</p>  <p>4'-Formylbenzo-18-crown 6-Ether CAS RN: 60835-74-7</p>	<p><b>A1603</b> 1g</p>  <p>4'-Acetylbenzo-15-crown 5-Ether CAS RN: 41757-95-3</p>	<p><b>C1713</b> 1g</p>  <p>4'-Carboxybenzo-15-crown 5-Ether CAS RN: 56683-55-7</p>			
<p><b>C1714</b> 100mg 1g</p>  <p>4'-Carboxybenzo-18-crown 6-Ether CAS RN: 60835-75-8</p>	<p><b>D2877</b> 1g</p>  <p>Dibenzo-15-crown 5-Ether CAS RN: 14262-60-3</p>	<p><b>D1533</b> 5g 25g</p>  <p>Dibenzo-18-crown 6-Ether CAS RN: 14187-32-7</p>	<p><b>D2878</b> 1g</p>  <p>Dibenzo-21-crown 7-Ether CAS RN: 14098-41-0</p>	<p><b>D1830</b> 1g 5g</p>  <p>Dibenzo-24-crown 8-Ether CAS RN: 14174-09-5</p>			
<p><b>B2245</b> 100mg</p>  <p>Bis(1,4-phenylene)-34-crown 10-Ether CAS RN: 53914-95-7</p>	<p><b>I1043</b> 1g 5g</p>  <p>Icosafluoro-15-crown 5-Ether CAS RN: 97571-69-2</p>	<h2 style="margin: 0;">Aza-crown Ethers</h2>					
<p><b>A1552</b> 250mg 1g</p>  <p>1-Aza-12-crown 4-Ether CAS RN: 41775-76-2</p>	<p><b>A1323</b> 1g 5g</p>  <p>1-Aza-15-crown 5-Ether CAS RN: 66943-05-3</p>				<p><b>A1324</b> 1g 5g</p>  <p>1-Aza-18-crown 6-Ether CAS RN: 33941-15-0</p>		
<p><b>D2743</b> 100mg</p>  <p>4,10-Diaza-12-crown 4-Ether CAS RN: 294-92-8</p>	<p><b>D2744</b> 1g</p>  <p>4,10-Diaza-15-crown 5-Ether CAS RN: 31249-95-3</p>				<p><b>D2323</b> 1g 5g</p>  <p>4,13-Diaza-18-crown 6-Ether CAS RN: 23978-55-4</p>	<p><b>T1878</b> 200mg 1g 5g</p>  <p>1,4,7-Triazacyclononane CAS RN: 4730-54-5</p>	<p><b>T1874</b> 1g 5g</p>  <p>Cyclen CAS RN: 294-90-6</p>
<p><b>T1876</b> 100mg</p>  <p>1,5,9-Triazacyclododecane CAS RN: 294-80-4</p>	<p><b>T1597</b> 1g 5g</p>  <p>Cyclam CAS RN: 295-37-4</p>				<p><b>T1877</b> 200mg 1g</p>  <p>1,4,8,11-Tetramethylcyclam CAS RN: 41203-22-9</p>	<p><b>P2620</b> 25mg 100mg</p>  <p>1,4,8,11-Tetramethylcyclam CAS RN: 155148-31-5</p>	<p><b>T1691</b> 1g 5g</p>  <p>1,4,8,12-Tetraazacyclotetradecane CAS RN: 15439-16-4</p>
<p><b>T1879</b> 1g 5g</p>  <p>1,4,7-Trimethyl-1,4,7-triazacyclononane (stabilized with NaHCO<sub>3</sub>) CAS RN: 96556-05-7</p>	<p><b>T3910</b> 200mg 1g</p>  <p>NOTA CAS RN: 56491-86-2</p>	<p><b>B6131</b> 200mg</p>  <p>NODAGA-tris(<i>t</i>-Bu ester) CAS RN: 1190101-34-8</p>	<p><b>A3699</b> 50mg</p>  <p>Azide-NODAGA</p>	<p><b>N1307</b> 50mg</p>  <p>NODAGA-ADIBO</p>			

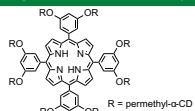
<b>M3771</b> 50mg  Maleimide-NODAGA CAS RN: 1383792-89-9	<b>T4340</b> 50mg  TCO-NODAGA axial isomer	<b>T3356</b> 1g 5g  1,4,7,10-Tetrabenzyl-1,4,7,10-tetraazacyclododecane CAS RN: 18084-64-5	<b>T1875</b> 200mg 1g  DOTA CAS RN: 60239-18-1	<b>T2540</b> 200mg  Tetraethyl 1,4,8,11-Tetraazacyclotetradecane-1,4,8,11-tetraacetate CAS RN: 126320-57-8
<b>T2642</b> 100mg 1g  Tri-tert-butyl 1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetraacetate CAS RN: 137076-54-1	<b>A3478</b> 100mg  Azido-mono-amide-DOTA CAS RN: 1227407-76-2	<b>D6006</b> 10mg  DOTA-DBCO CAS RN: 1374865-01-6	<b>M3434</b> 50mg  Maleimido-mono-amide-DOTA CAS RN: 1006711-90-5	<b>D6007</b> 100mg  DOTA-NHS Hexafluorophosphate Trifluoroacetate
<h2>Thia-crown Ethers</h2>				
<h2>Cyclodextrins</h2>				
<h2>Cyclodextrins</h2>				
<h2>Cyclodextrins</h2>				
<b>T1972</b> 500mg  1,4,7-Trithiacyclononane CAS RN: 6573-11-1	<b>T1959</b> 200mg 1g  1,4,8,11-Tetrathiacyclotetradecane CAS RN: 24194-61-4			
<b>C0776</b> 10g 25g 100g  α-Cyclodextrin CAS RN: 10016-20-3	<b>C0900</b> 25g 100g 500g  β-Cyclodextrin (>98.0%) CAS RN: 7585-39-9	<b>C0777</b> 25g 100g  β-Cyclodextrin (>99.0%) CAS RN: 7585-39-9		
<b>C0869</b> 5g 25g 100g  γ-Cyclodextrin CAS RN: 17465-86-0	<b>M1644</b> 200mg 1g  Mono-6-O-(p-toluenesulfonyl)-α-cyclodextrin CAS RN: 32860-56-3	<b>M1645</b> 200mg  Mono-6-O-(p-toluenesulfonyl)-γ-cyclodextrin CAS RN: 97227-33-3	<b>M1956</b> 200mg  Mono-2-O-(p-toluenesulfonyl)-α-cyclodextrin CAS RN: 93184-10-2	<b>M1741</b> 200mg  Mono-2-O-(p-toluenesulfonyl)-β-cyclodextrin CAS RN: 84216-71-7
<b>M1212</b> 1g  Mono-6-O-mesitylenesulfonyl-γ-cyclodextrin CAS RN: 174010-62-9	<b>A2122</b> 200mg 1g  3A-Amino-3A-deoxy-(2AS,3AS)-α-cyclodextrin CAS RN: 121916-94-7	<b>A3512</b> 200mg  (2 <sup>AS</sup> ,3 <sup>AS</sup> )-3 <sup>A</sup> -Amino-3 <sup>A</sup> -deoxy-β-cyclodextrin CAS RN: 117194-77-1	<b>A3453</b> 1g  6-Amino-6-deoxy-β-cyclodextrin CAS RN: 29390-67-8	<b>A3454</b> 1g  6-Azido-6-deoxy-β-cyclodextrin CAS RN: 98169-85-8
<b>A3439</b> 100mg 500mg  6-Acrylamido-β-cyclodextrin CAS RN: 131991-70-3	<b>M2978</b> 100mg  Mono-6-(Fmoc-Gln-OtBu)-β-CD	<b>D5992</b> 5g 25g  2,6-Di-O-methyl-β-cyclodextrin CAS RN: 51166-71-3	<b>T1094</b> 1g  Trimethyl-β-cyclodextrin CAS RN: 55216-11-0	<b>M1356</b> 25g 250g  Methyl-β-cyclodextrin (mixture of several Methylated) CAS RN: 128446-36-6
<b>T1844</b> 25g  Triacetyl-β-cyclodextrin CAS RN: 23739-88-0	<b>H0979</b> 25g 100g  Hydroxypropyl-β-cyclodextrin CAS RN: 128446-35-5	<b>U0153</b> 100mg  Sugammadex Sodium CAS RN: 343306-79-6	<b>B3026</b> 10mg  O,O'-Bis(per-O-methyl-α-cyclodextrin-6-yl)-bisphenol A	<b>T2450</b> 10mg  1,1,1-Tris[4-(per-O-methyl-α-cyclodextrin-6-yloxy)phenyl]ethane

**T2451** 10mg



5,10,15,20-Tetrakis[4-(per-O-methyl-α-cyclodextrin-6-yloxy)phenyl]porphyrin

**T2452** 10mg



5,10,15,20-Tetrakis[3,5-bis(per-O-methyl-α-cyclodextrin-6-yloxy)phenyl]-21H,23H-porphine

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