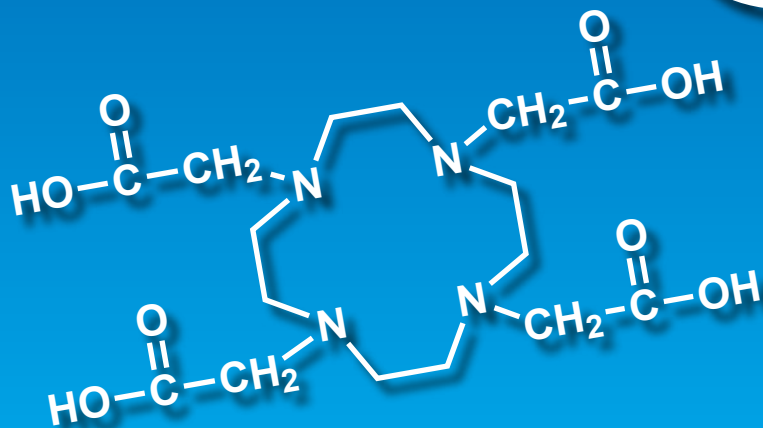


# 機能性ホスト化合物

Macrocycles for Host-Guest Chemistry



シクロパラフェニレン

ピラーアレーン

カリックスアレーン

チアカリックスアレーン

シクロファン

クラウンエーテル

アザクラウンエーテル

チアクラウンエーテル

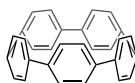
シクロデキストリン

# 機能性ホスト化合物

ホスト化合物は、特定の分子、原子、あるいはイオン（ゲスト）を識別し、分子内に取り込み複合体を形成します。この複合体の形成には、静電相互作用、疎水相互作用、水素結合などの多様な力が利用され、高い選択性を実現しています。そして、このホスト化合物の有する高いゲスト選択性を利用した分子センサー、人工酵素、分離システムなどの開発や、より高い選択性を有する新しいホスト化合物の合成が盛んに研究されています。

## シクロパラフェニレン

C2931 20mg 100mg



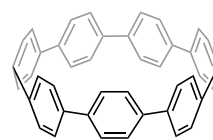
[5]Cycloparaphenylene  
CAS RN: 96100-94-6

C3386 20mg



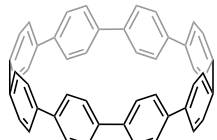
[6]Cycloparaphenylene  
CAS RN: 156980-13-1

C3571 10mg



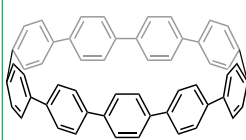
[7]Cycloparaphenylene  
CAS RN: 1222105-42-1

C3544 20mg



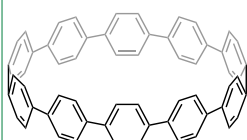
[8]Cycloparaphenylene  
CAS RN: 1217269-85-6

C3465 20mg



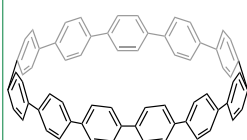
[9]Cycloparaphenylene  
CAS RN: 1092522-74-1

C3493 20mg



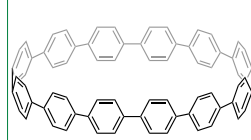
[10]Cycloparaphenylene  
CAS RN: 1222105-46-5

C3536 10mg



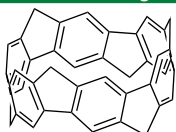
[11]Cycloparaphenylene  
CAS RN: 1222105-48-7

C2449 10mg



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

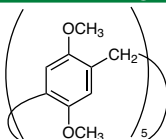
M3419 10mg 50mg



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

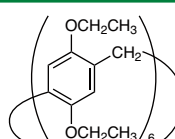
## ピラーアレーン

D4471 100mg 1g 5g



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

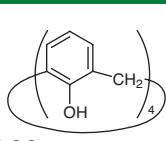
D6095 1g



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

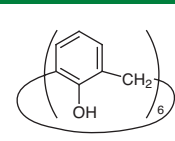
## カリクスアレーン

C1455 100mg 1g



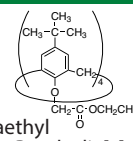
Calix[4]arene  
(contains ca. 8% Chloroform)  
CAS RN: 74568-07-3

H0713 1g 5g



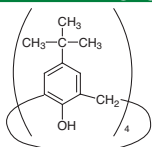
Calix[6]arene  
CAS RN: 96107-95-8

T2563 200mg 1g

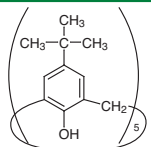


Tetraethyl  
4-tert-Butylcalix[4]arene-  
O,O',O'',O'''-tetraacetate  
CAS RN: 97600-39-0

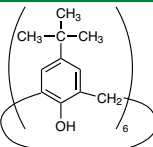
B1809 1g 5g 25g

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

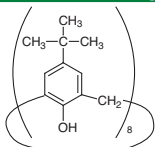
B2221 100mg

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

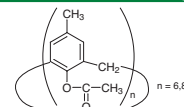
B5375 1g 5g

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

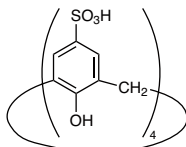
B1750 5g 25g

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

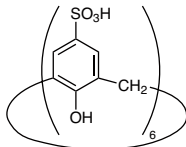
H0889 100mg 1g

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

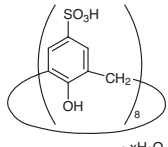
S0469 1g 5g

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

S0470 1g 5g

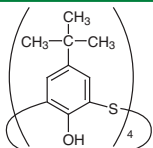
4-Sulfocalix[6]arene  
CAS RN: 102088-39-1

S0471 1g 5g

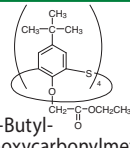
4-Sulfocalix[8]arene Hydrate  
CAS RN: 844478-23-5

## チアカリクスアレーン

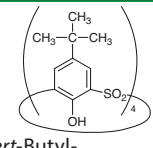
B2296 1g 5g

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

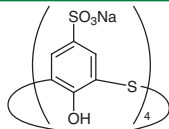
B2310 1g 5g

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

B2312 1g 5g

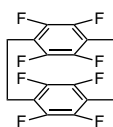
4-tert-Butyl-sulfonylcalix[4]arene  
CAS RN: 204190-49-8

S0477 1g 5g

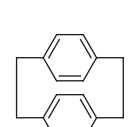
4-Sulfothiacalix[4]arene  
Sodium Salt  
CAS RN: 211561-04-5

## シクロファン

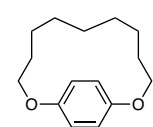
O0455 1g 5g

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

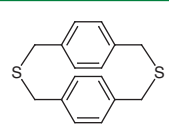
P1165 1g

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

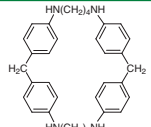
D4298 250mg 1g

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

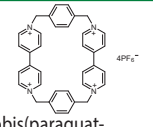
D2210 100mg 500mg

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

T1378 100mg

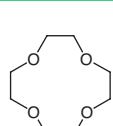
1,6,20,25-Tetraaza[6.1.6.1]-paracyclophane  
CAS RN: 74043-83-7

C1749 1g 5g

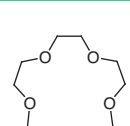
Cyclobis(paraquat-1,4-phenylene)  
Tetrakis(hexafluorophosphate)  
CAS RN: 14319-13-2

## クラウンエーテル

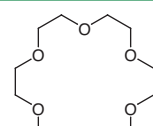
C0858 1mL 5mL

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

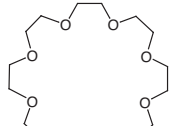
C0859 5mL 25mL

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

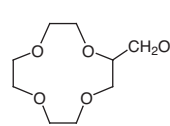
C0860 5g 25g 100g

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

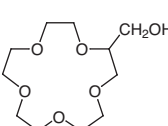
C1736 1g

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

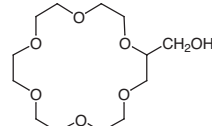
H0982 1g 5g

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

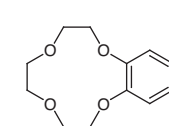
H0983 1g 5g 25g

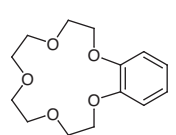
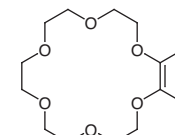
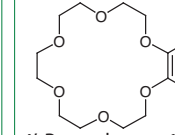
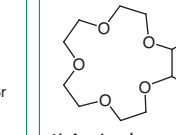
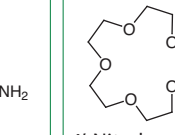
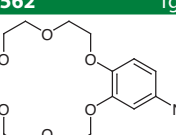
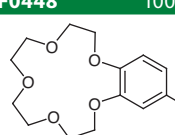
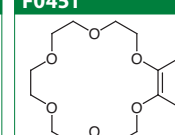
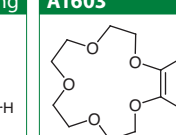
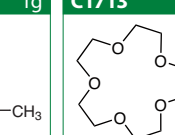
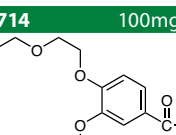
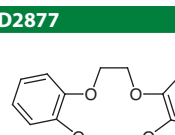
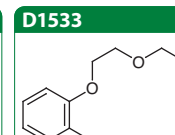
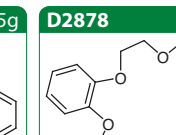
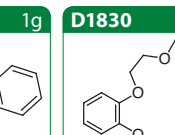
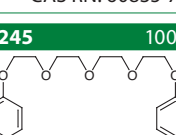
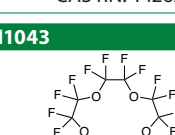
2-(Hydroxymethyl)-15-crown 5-Ether  
CAS RN: 75507-25-4

H0990 200mg 1g

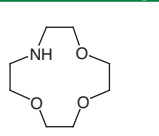
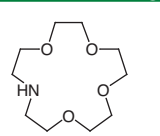
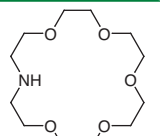
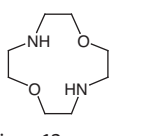
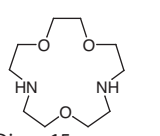
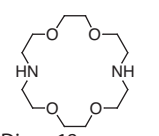
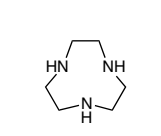
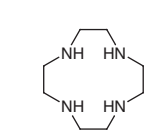
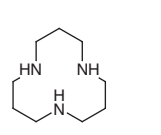
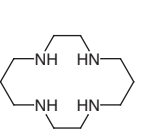
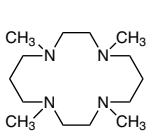
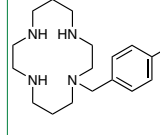
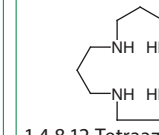
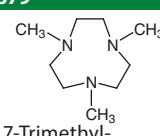
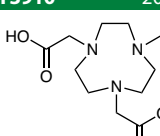
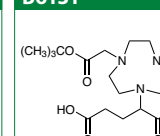
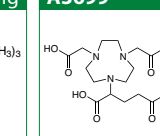
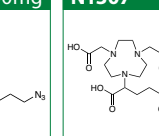
2-(Hydroxymethyl)-18-crown 6-Ether  
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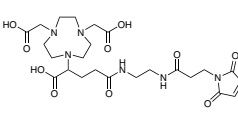
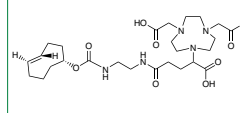
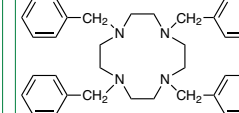
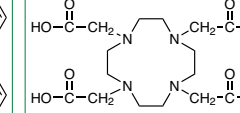
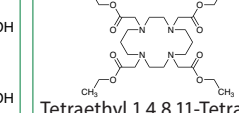
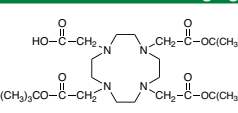
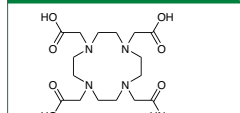
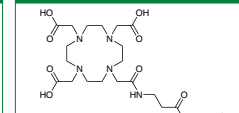
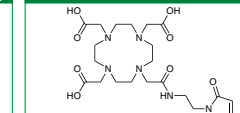
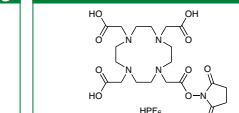
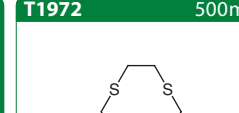
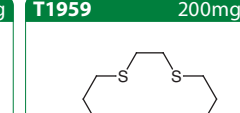





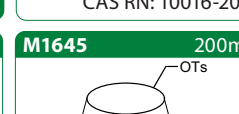


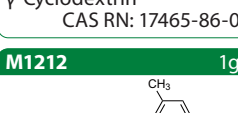
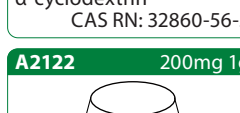
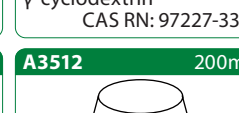
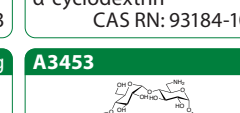
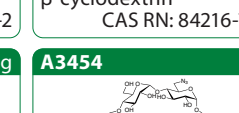
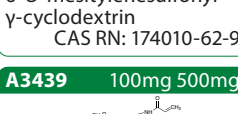
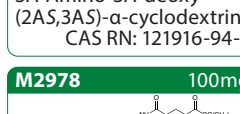
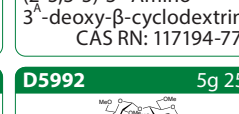
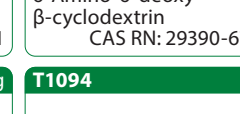
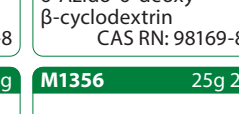
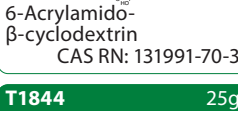
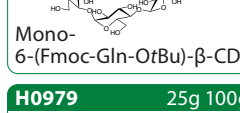
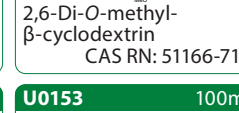
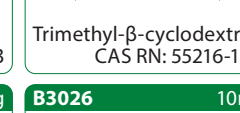
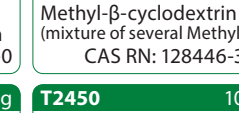
B1249 1g 5g

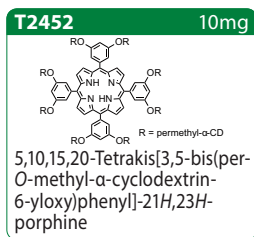
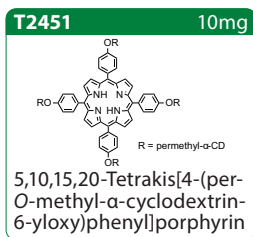
Benzo-12-crown 4-Ether  
CAS RN: 14174-08-4

<b>B1154</b> 1g 5g  Benzo-15-crown 5-Ether CAS RN: 14098-44-3	<b>B1539</b> 1g 5g  Benzo-18-crown 6-Ether CAS RN: 14098-24-9	<b>B2181</b> 1g 5g  4'-Bromobenzo-18-crown 6-Ether CAS RN: 75460-28-5	<b>A1404</b> 1g  4'-Aminobenzo-15-crown 5-Ether CAS RN: 60835-71-4	<b>N0561</b> 1g 5g  4'-Nitrobenzo-15-crown 5-Ether CAS RN: 60835-69-0
<b>N0562</b> 1g 5g  4'-Nitrobenzo-18-crown 6-Ether CAS RN: 53408-96-1	<b>F0448</b> 100mg 1g  4'-Formylbenzo-15-crown 5-Ether CAS RN: 60835-73-6	<b>F0451</b> 500mg  4'-Formylbenzo-18-crown 6-Ether CAS RN: 60835-74-7	<b>A1603</b> 1g  4'-Acetylbenzo-15-crown 5-Ether CAS RN: 41757-95-3	<b>C1713</b> 1g  4'-Carboxybenzo-15-crown 5-Ether CAS RN: 56683-55-7
<b>C1714</b> 100mg 1g  4'-Carboxybenzo-18-crown 6-Ether CAS RN: 60835-75-8	<b>D2877</b> 1g  Dibenzo-15-crown 5-Ether CAS RN: 14262-60-3	<b>D1533</b> 5g 25g  Dibenzo-18-crown 6-Ether CAS RN: 14187-32-7	<b>D2878</b> 1g  Dibenzo-21-crown 7-Ether CAS RN: 14098-41-0	<b>D1830</b> 1g 5g  Dibenzo-24-crown 8-Ether CAS RN: 14174-09-5
<b>B2245</b> 100mg  Bis(1,4-phenylene)-34-crown 10-Ether CAS RN: 53914-95-7	<b>I1043</b> 1g 5g  Icosafluoro-15-crown 5-Ether CAS RN: 97571-69-2			

## アザクラウンエーテル

<b>A1552</b> 250mg 1g  1-Aza-12-crown 4-Ether CAS RN: 41775-76-2					<b>A1323</b> 1g 5g  1-Aza-15-crown 5-Ether CAS RN: 66943-05-3					<b>A1324</b> 1g 5g  1-Aza-18-crown 6-Ether CAS RN: 33941-15-0														
<b>D2743</b> 100mg  4,10-Diaza-12-crown 4-Ether CAS RN: 294-92-8					<b>D2744</b> 1g  4,10-Diaza-15-crown 5-Ether CAS RN: 31249-95-3					<b>D2323</b> 1g 5g  4,13-Diaza-18-crown 6-Ether CAS RN: 23978-55-4					<b>T1878</b> 200mg 1g 5g  1,4,7-Triazacyclononane CAS RN: 4730-54-5					<b>T1874</b> 1g 5g  Cyclen CAS RN: 294-90-6				
<b>T1876</b> 100mg  1,5,9-Triazacyclododecane CAS RN: 294-80-4					<b>T1597</b> 1g 5g  Cyclam CAS RN: 295-37-4					<b>T1877</b> 200mg 1g  1,4,8,11-Tetramethylcyclam CAS RN: 41203-22-9					<b>P2620</b> 25mg 100mg  1,4,8,11-Tetramethylcyclam CAS RN: 155148-31-5					<b>T1691</b> 1g 5g  1,4,8,12-Tetraazacyclotetradecane CAS RN: 15439-16-4				
<b>T1879</b> 1g 5g  1,4,7-Trimethyl-1,4,7-triazacyclononane (stabilized with NaHCO <sub>3</sub> ) CAS RN: 96556-05-7					<b>T3910</b> 200mg 1g  NOTA CAS RN: 56491-86-2					<b>B6131</b> 200mg  NODAGA-tris( <i>t</i> -Bu ester) CAS RN: 1190101-34-8					<b>A3699</b> 50mg  Azide-NODAGA					<b>N1307</b> 50mg  NODAGA-ADIBO				

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



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