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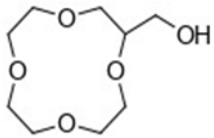
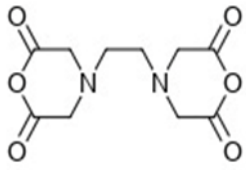
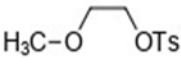
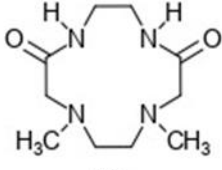
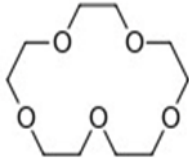
## MacroLig® Products List

Formula	No.	MacroLig® - Chemical Name	CAS Number	Chemical Structure
$C_4H_{12}N_2O$	600	2-Bis(aminoethyl)ether 2,2-Oxybis(ethylamine) 2-(2-Amino-ethoxy)-ethylamine	2752-17-2	 600
$C_6H_{13}NO_2$	310	Aza-9-crown-3	NA*	 310
$C_8H_{16}O_4$	142	12-Crown-4	294-93-9	 142
$C_8H_{17}NO_3$	303	Aza-12-crown-4	41775-76-2	 303
$C_8H_{18}N_2O_2$	300	4,10-Diaza-12-crown-4	294-92-8	 300



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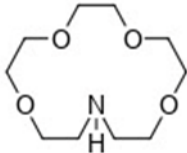
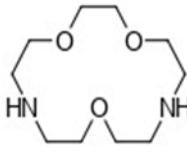

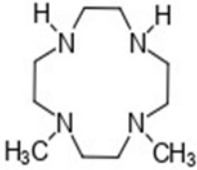
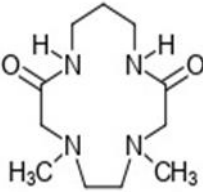
## MacroLig® Products List

$C_9H_{18}O_5$	124	2-(Hydroxymethyl)-12-crown-4 2-(Hydroxymethyl)-1,4,7,10- tetraoxacyclododecane	76507-26-5	 124
$C_{10}H_{12}N_2O_6$	613	EDTA dianhydride Ethylenediaminetetraacetic dianhydride	23911-25-3	 613
$C_{10}H_{14}O_4S$	611	1-Methoxy-2-p-toluolsulfonylethane	17178-10-8	 611
$C_{10}H_{20}N_4O_2$	506	4,7-Dimethyl-1,4,7,10- tetraazacyclododecane-2,9-dione	NA*	 506
$C_{10}H_{20}O_5$	111	15-Crown-5 1,4,7,10,13- Pentaoxacyclopentadecane	33100-27-5	 111



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## MacroLig® Products List

$C_{10}H_{21}NO_4$	304	Aza-15-crown-5 1,4,7,10-Tetraoxa-13-azacyclopentadecane	66943-05-3	 304
$C_{10}H_{22}N_2O_3$	301	7,13-Diaza-15-crown-5	31249-95-3	 301
$C_{10}H_{22}O_6$	606	Pentaethylene glycol 3,6,9,12-Tetraoxatetradecane-1,14-diol	4792-15-8	 606
$C_{10}H_{24}O_4$	505	1,4-Dimethyl-1,4,7,10-tetraazacyclododecane	NA*	 505
$C_{11}H_{22}N_4O_2$	502	4,7-Dimethyl-1,4,7,10-tetraazatridecanedione-2,9-dione 4,7-Dimethyl-1,4,7,10-tetraazacyclotridecane-2,9-dione	NA*	 502



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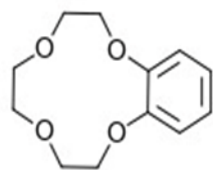
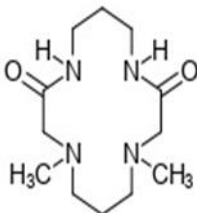
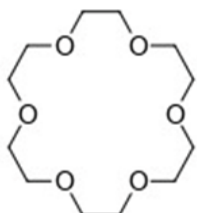
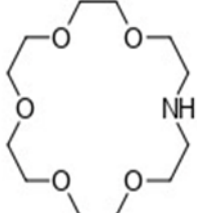
## MacroLig® Products List

$C_{11}H_{22}N_4O_2$	509	1,10-Dimethyl-1,4,7,10-tetraazatridecanedione-3,8-dione 1,10-Dimethyl-1,4,7,10tetraazacyclotridecane-3,8-dione	NA*	<p>509</p>
$C_{11}H_{22}O_6$	112	2-(Hydroxymethyl)-15-crown-5 1,4,7,10,13-Pentaoxacyclopentadecane-2-methanol	75507-25-4	<p>112</p>
$C_{11}H_{23}NO_5$	128	2-Aminomethyl-15-crown-5	83585-56-2	<p>128</p>
$C_{11}H_{26}N_4$	501	4,7-Dimethyl-1,4,7,10-tetraazacyclotridecane	NA*	<p>501</p>
$C_{11}H_{26}N_4$	507	1,10-Dimethyl-1,4,7,10-tetraazacyclotridecane	NA*	<p>507</p>



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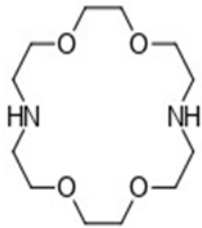
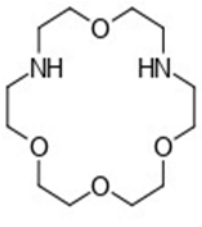
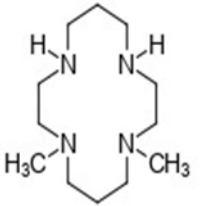
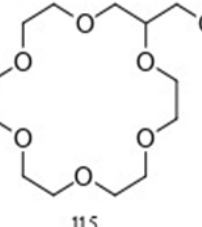
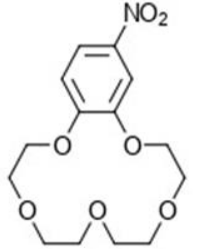
## MacroLig® Products List

$C_{12}H_{16}O_4$	109	Benzo-12-crown-4	14174-08-4	 109
$C_{12}H_{24}N_4O_2$	504	4,8-Dimethyl-1,4,8,11-tetraazacyclotridecane-2,10-dione 4,8-Dimethyl-1,4,8,11-tetraazacyclotetradecane-2,10-dione	NA*	 504
$C_{12}H_{24}O_6$	114	18-Crown-6	17455-13-9	 114
$C_{12}H_{25}NO_5$	305	Aza-18-crown-6 1,4,7,10,13-Pentaoxa-16-azacyclooctadecane	33941-15-0	 305



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## MacroLig® Products List

$C_{12}H_{26}N_2O_4$	302	7,16-Diaza-18-crown-6	23978-55-4	 302
$C_{12}H_{26}N_2O_4$	307	10,16-Diaza-18-crown-6 1,4,7,13-Tetraoxa-10,16-diazacyclooctadecane	NA*	 307
$C_{12}H_{28}N_4$	503	1,11-Dimethyl-1,4,8,11-tetraazacyclotetradecane	NA*	 503
$C_{13}H_{26}O_7$	115	2-Hydroxymethyl-18-crown-6 1,4,7,10,13,16-Hexaoxacyclooctadecane-2-methanol	70069-04-4	 115
$C_{14}H_{19}NO_7$	135	4'-Nitrobenzo-15-crown-5	60835-69-0	 135



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## MacroLig® Products List

$C_{14}H_{19}N_3O_8$	605	Diethylenetriaminepentaacetic acid dianhydride DTPA dianhydride	23911-26-4	 605
$C_{14}H_{20}O_5$	113	Benzo-15-crown-5	14098-44-3	 113
$C_{14}H_{21}NO_5$	136	4'-Aminobenzo-15-crown-5	60835-71-4	 136
$C_{14}H_{22}O_6$	609	1,2-Bis(ethoxyxyethanol)benzene	NA*	 609
$C_{14}H_{28}O_7$	132	21-Crown-7 1,4,7,10,13,16,19- Heptaoxacycloheneicosane	33089-36-0	 132



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## MacroLig® Products List

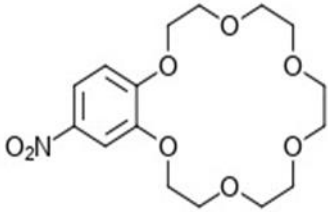
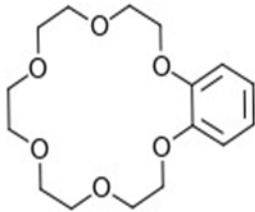
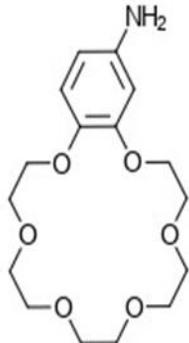
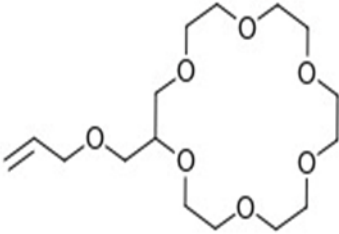
$C_{14}H_{28}O_8$	129	Cis-3,6,9,13,16,19-hexaoxacycloeicosane-1,11-diol	NA*	<p>129</p>
$C_{14}H_{30}N_2O_5$	306	10,19-Diaza-21-crown-7 1,4,7,13,16-Pentaoxa-10,19-diazacycloheneicosane	23978-10-1	<p>306</p>
$C_{15}H_{23}NO_3$	308	1-Benzyl-1-aza-12-crown-4	84227-47-2	<p>308</p>
$C_{15}H_{30}O_6$	116	tert-Butyloxymethyl-15-crown-5	NA*	<p>116</p>





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$C_{16}H_{23}NO_8$	127	4'-Nitrobenzo-18-crown-6	53408-96-1	 127
$C_{16}H_{24}O_6$	110	Benzo-18-crown-6	14098-24-9	 110
$C_{16}H_{25}NO_6$	126	4'-Aminobenzo-18-crown-6	68941-06-0	 126
$C_{16}H_{30}O_7$	133	2-(allyloxymethyl) 18-crown-6	84812-04-4	 133



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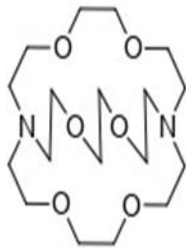
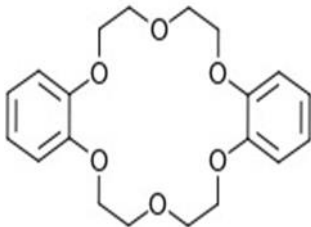

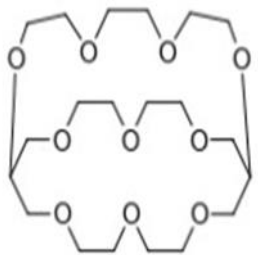
## MacroLig® Products List

$C_{16}H_{32}N_2O_5$	403	Cryptand 2.2.1 4,7,13,16,21-Pentaoxa-1,10-diazabicyclo[8.8.5]tricosane	31364-42-8	 403
$C_{16}H_{32}O_8$	141	24-Crown 8-ether	33089-37-1	 141
$C_{16}H_{33}N_3O_4$	402	Cryptand 2.2.1N	NA*	 402
$C_{18}H_{28}O_7$	140	Benzo-21-crown-7	67950-78-1	 140



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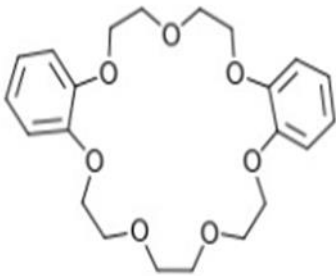

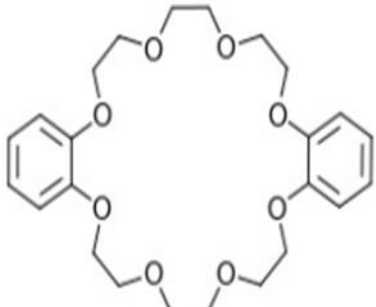

## MacroLig® Products List

$C_{18}H_{36}N_2O_6$	404	Cryptand 2.2.2 4,7,13,16,21,24-Hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane	23978-09-8	 404
$C_{20}H_{24}O_6$	105	Dibenzo-18-crown-6	14187-32-7	 105
$C_{20}H_{26}O_8S_2$	612	Triethylene glycol ditosylate Triethylene glycol di(p-toluenesulfonate)	19249-03-7	 612
$C_{20}H_{38}O_{10}$	401	Oxacryptand 3.3.4 2,5,8,11,14,17,20,23,26,29-Decaoxabicyclo[10.9.9]triacontane	NA*	 401



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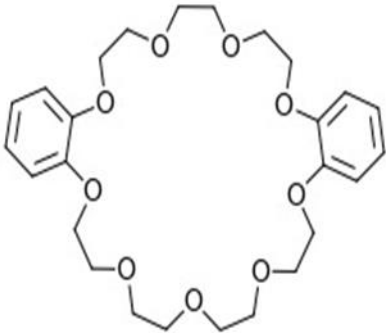
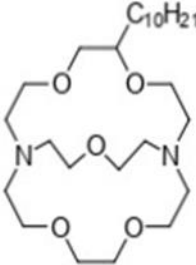
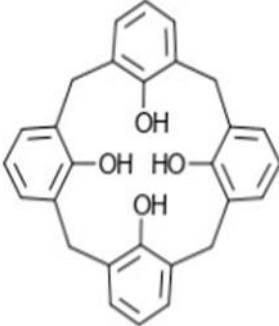
## MacroLig® Products List

$C_{22}H_{28}O_7$	106	Dibenzo-21-crown-7	14098-41-0	 106
$C_{22}H_{30}O_9S_2$	608	Tetraethylene glycol ditosylate Tetraethylene glycol di(p-toluenesulfonate)	37860-51-8	 608
$C_{24}H_{32}O_8$	107	Dibenzo-24-crown-8-ether Dibenzo-24-crown-8	14174-09-5	 107
$C_{24}H_{34}O_{10}S_2$	607	Pentaethylene glycol ditosylate Pentaethylene glycol di-p-toluenesulfonate	41024-91-3	 607



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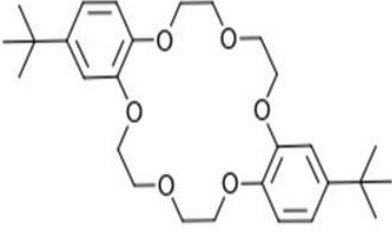
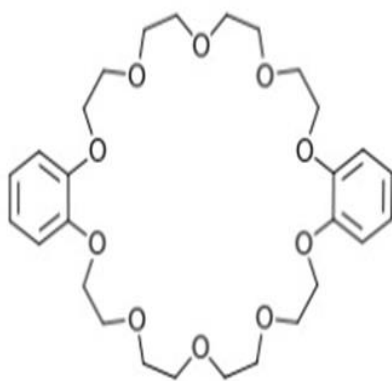
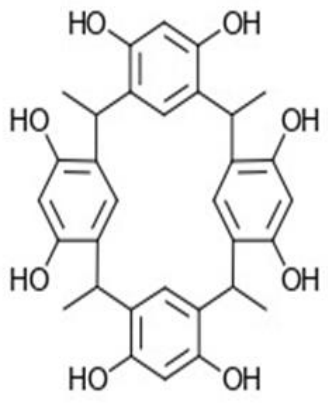
## MacroLig® Products List

$C_{26}H_{36}O_9$	137	Dibenzo-27-crown-9	61260-08-0	 137
$C_{26}H_{52}N_2O_5$	407	C10 Cryptand 2.2.1 5-Decyl-4,7,13,16,21-pentaoxa-1,10-diazabicyclo[8.8.5]tricosane	62002-40-8	 407
$C_{28}H_{24}O_4$	200	Calix[4]arene	74568-07-03	 200



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$C_{28}H_{40}O_6$	120	4',4''(5'')-Di-tert-butyl-dibenzo-18-crown-6	29471-17-8	 <p>120</p>
$C_{28}H_{40}O_{10}$	108	Dibenzo-30-crown-10	17455-25-3	 <p>108</p>
$C_{32}H_{32}O_8$	205	C-methylcalix[4]resorcinarene	65338-98-9	 <p>205</p>



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$C_{36}H_{40}O_8$	206	C-ethylcalix[4]resorcinarene	118600-17-2	<p>Chemical structure of C-ethylcalix[4]resorcinarene (206). It consists of four resorcinol units linked by ethyl groups at the 4 and 6 positions, forming a macrocyclic structure with four hydroxyl groups pointing inward.</p>
$C_{42}H_{36}O_6$	211	Calix[6]arene	96107-95-8	<p>Chemical structure of Calix[6]arene (211). It consists of six phenylene units linked by methylene groups at the 1 and 4 positions, forming a macrocyclic structure with six hydroxyl groups pointing inward.</p>
$C_{44}H_{56}O_4$	201	4-tert-Butylcalix[4]arene	60705-62-6	<p>Chemical structure of 4-tert-Butylcalix[4]arene (201). It consists of four phenylene units linked by methylene groups at the 1 and 4 positions, forming a macrocyclic structure with four hydroxyl groups pointing inward and four tert-butyl groups pointing outward.</p>



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## MacroLig® Products List

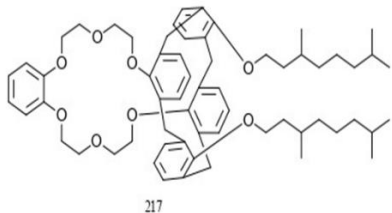
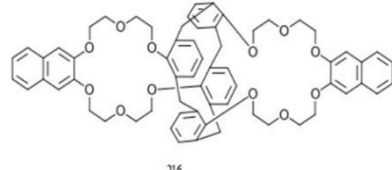
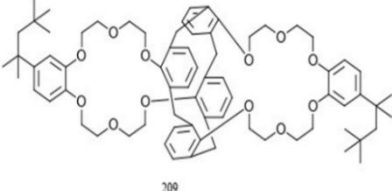
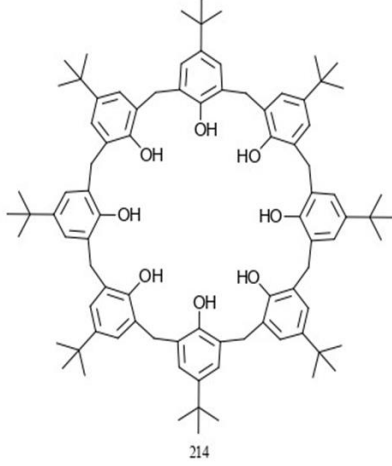
$C_{48}H_{60}O_{12}$	202	Calix[4]-bis-crown-6	157769-14-7	<p>202</p>
$C_{56}H_{60}O_{12}$	215	Calix[4]bis-1,2-benzo-crown-6	157769-17-0	<p>215</p>
$C_{58}H_{74}O_8$	213	1,3-Dioctyloxy-calix[4]arene-benzo-crown-6	423761-76-6	<p>213</p>





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## MacroLig® Products List

$C_{62}H_{82}O_8$	217	1,3-Alternate-25,27-di(3,7-dimethyloctyl-1-oxy) calix[4]arenebenzocrown-6 (Max-calixC6)	1227059-50-8	 217
$C_{64}H_{64}O_{12}$	216	Calix[4]-bis-2,3-naphtho-crown-6	162898-44-4	 216
$C_{72}H_{92}O_{12}$	209	Calix[4]arene-bis-(tert-octylbenzo-crown-6) (Bob CalixC6)	220969-34-6	 209
$C_{88}H_{112}O_8$	214	4-tert-Butylcalix[8]arene	68971-82-4	 214

\*NA - Not Available