

# Macrocyclics™

An  Oranomed Company



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## 2024 PRODUCT CATALOG

Molecular *Innovation* for Medicine



# Macrocyclics™

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Place your order: [www.macrocyclics.com](http://www.macrocyclics.com) or (469) 786-6060

## ABOUT MACROCYCLICS

Macrocyclics, a manufacturer of customized chelating agents, is dedicated to leading-edge development of new chelation chemistry platforms critical for advancement of diagnostic and therapeutic medicine. Our strong commitment to customer service and quality products are key components in our ongoing pursuit of excellence.

## ABOUT YOUR ORDER

### SHIPPING

Most of the compounds we sell are stable under normal laboratory conditions. It is not necessary to refrigerate our compounds during short-distance transportation. Therefore, we ship our compounds *via* FedEx Air, unless otherwise specified by the customer. If the compound requires special shipping conditions (such as dry ice) you will be notified in advance.



### STORAGE CONDITIONS

We recommend storing Macrocyclics' products in the freezer at  $-20^{\circ}\text{C}$ .

### TECHNICAL QUESTIONS

If you have a technical question about a product you have received, or would like to know more before you place an order, please contact us: [info@macrocyclics.com](mailto:info@macrocyclics.com) or (469) 786-6060.



### SAFETY DATA SHEETS

SDSs are available on our website under the Individual product pages. We can also fax a hardcopy if you prefer. Please mention your request on the purchase order.



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## PRODUCT ANALYSIS

Macrocy clics' expertise in ligand synthesis is complemented by our quality control systems, guaranteeing the highest possible quality for all our products.

## CERTIFICATE OF ANALYSIS

Certificates of analysis will be sent with your products if requested. The C of A provides the test method used and the results. If you need further information about a compound, please contact us and we will try to accommodate your request. Downloadable versions of C of A's are also available on our website.

## HOW TO ORDER

If you are new customer placing your first order, please provide:

- Purchase order or credit card number
- Shipping and billing addresses
- Phone and fax numbers
- Email address

Once your order is processed, you will receive a confirmation by fax or email.

**Online:** [www.macrocy clics.com](http://www.macrocy clics.com) and click on "online catalog"

**By Fax:** Please fax your order to (469) 814-9116.

**By Phone:** Call in your order with the information listed above: (469) 786-6060.

**Payment:** We accept VISA, MasterCard, and American Express.

There is a \$20 service charge for international bank transfers.

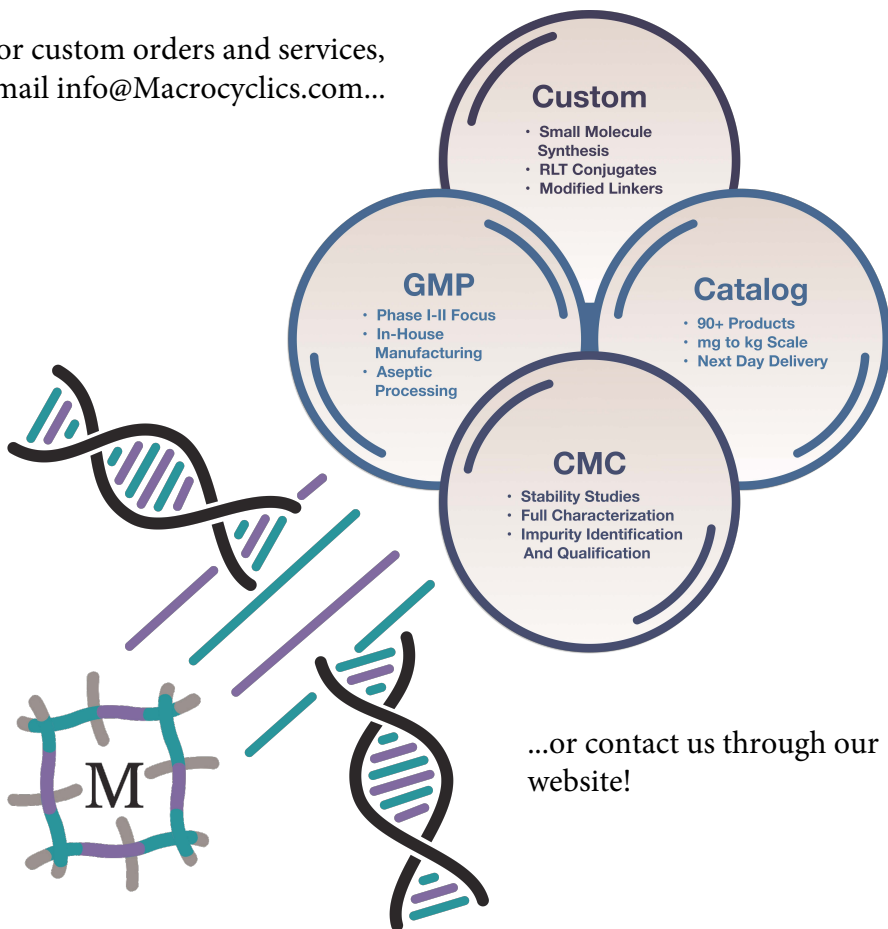
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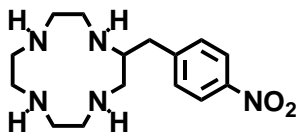
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# Bifunctional Chelators (BFCs)

## *p*-NO<sub>2</sub>-Bn-Cyclen

**B-110**Formula: C<sub>15</sub>H<sub>25</sub>N<sub>5</sub>O<sub>2</sub>

FW: 307.4

CAS Number: 116052-96-9

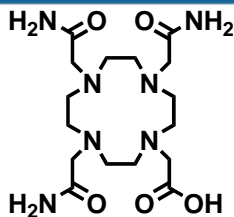
Purity: ≥ 94%

100 mg \$437

500 mg \$1,957

S-2-(4-Nitrobenzyl)-1,4,7,10-tetraazacyclododecane

## DOTAM-mono-acid

**B-170**Formula: C<sub>16</sub>H<sub>31</sub>N<sub>7</sub>O<sub>5</sub>

FW: 401.5

CAS Number: 913528-04-8

Purity: ≥ 95%

100 mg \$116

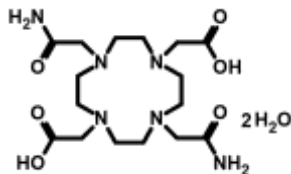
500 mg \$394

1g \$566

5g \$2,429

1,4,7,10-Tetraazacyclododecane-1,4,7-tri(carbamoylmethyl)-10-acetic acid

## DOTAM-bis-acid

**B-172**Formula: C<sub>16</sub>H<sub>30</sub>N<sub>6</sub>O<sub>6</sub>·2H<sub>2</sub>O

FW: 438.5

CAS Number: N/A

Purity: ≥ 94%

50 mg \$431

100 mg \$732

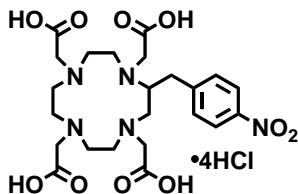
1,4,7,10-Tetraazacyclododecane-1,7-bis(acetate)-4,10-bis(acetamide)





***p*-NO<sub>2</sub>-Bn-DOTA**

**B-199**



Formula: C<sub>23</sub>H<sub>33</sub>N<sub>5</sub>O<sub>10</sub>•4HCl

FW: 685.4

CAS Number: 116052-88-1

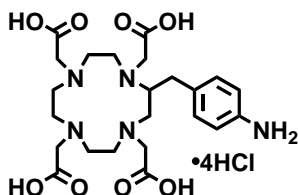
Purity: ≥ 94%

50 mg	\$309
100 mg	\$495

S-2-(4-Nitrobenzyl)-1,4,7,10-tetraazacyclododecane tetraacetic acid

***p*-NH<sub>2</sub>-Bn-DOTA**

**B-200**



Formula: C<sub>23</sub>H<sub>35</sub>N<sub>5</sub>O<sub>8</sub>•4HCl

FW: 655.4

CAS Number: 181065-46-3

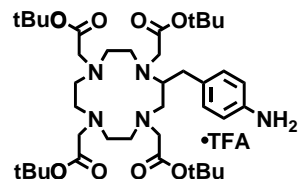
Purity: ≥ 94%

50 mg	\$305
100 mg	\$487
500 mg	\$1,964

S-2-(4-Aminobenzyl)-1,4,7,10-tetraazacyclododecane tetraacetic acid

***p*-NH<sub>2</sub>-Bn-DOTA-tetra(*t*-Bu ester)**

**B-201**



Formula: C<sub>39</sub>H<sub>67</sub>N<sub>5</sub>O<sub>8</sub>•TFA

FW: 848.0

CAS Number: 446061-19-4

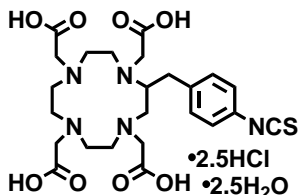
Purity: ≥ 94%

100 mg	\$361
500 mg	\$1,619

S-2-(4-Aminobenzyl)-1,4,7,10-tetraazacyclododecane tetra-*tert*-butylacetate

***p*-SCN-Bn-DOTA**

**B-205**



Formula: C<sub>24</sub>H<sub>33</sub>N<sub>5</sub>O<sub>8</sub>S•2.5HCl•2.5H<sub>2</sub>O

FW: 687.8

CAS Number: 127985-74-4

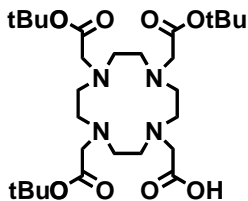
Purity: ≥ 94%

50 mg	\$380
100 mg	\$577
500 mg	\$2,320
1g	\$4,639

S-2-(4-Isothiocyanatobenzyl)-1,4,7,10-tetraazacyclododecane tetraacetic acid

### DOTA-tris (t-Bu ester)

**B-260**



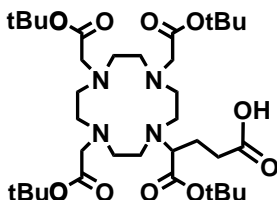
Formula:  $C_{28}H_{52}N_4O_8$   
FW: 572.7  
CAS Number: 137076-54-1  
Purity:  $\geq 95\%$

500 mg	\$308
1 g	\$480
5 g	\$2,159
10 g	\$3,660

1,4,7,10-Tetraazacyclododecane-1,4,7-tris-tert-butyl acetate-10-acetic acid

### DOTAGA-tetra (t-Bu ester)

**B-264**



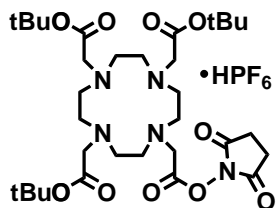
Formula:  $C_{35}H_{64}N_4O_{10}$   
FW: 700.9  
CAS Number: 306776-79-4  
Purity:  $\geq 94\%$

100 mg	\$211
500 mg	\$528
1 g	\$892

2-[1,4,7,10-Tetraazacyclododecane-4,7,10-tris(t-butyl acetate)]-pentanedioic acid-1-t-butyl ester

### DOTA-mono-NHS tris (t-Bu ester)

**B-270**



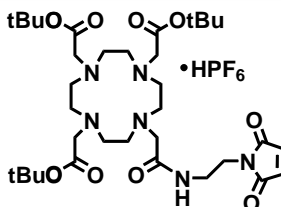
Formula:  $C_{32}H_{55}N_5O_{10} \cdot HPF_6$   
FW: 815.8  
CAS Number: 819869-77-7  
Purity:  $\geq 94\%$

100 mg	\$116
500 mg	\$503
1 g	\$939
10 g	\$8,550

1,4,7,10-Tetraazacyclododecane-1,4,7-tris-tert-butyl acetate-10-succinimidyl ester

### Maleimido-mono-amide-DOTA-tris (t-Bu ester)

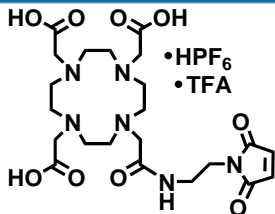
**B-271**



Formula:  $C_{34}H_{58}N_6O_9 \cdot HPF_6$   
FW: 840.8  
CAS Number: 1613382-10-7  
Purity:  $\geq 94\%$

50 mg	\$233
100 mg	\$370
500 mg	\$1,092

1,4,7,10-Tetraazacyclododecane-1,4,7-tris-tert-butyl acetate-10-maleimidoethylacetamide

**Maleimido-mono-amide-DOTA****B-272**•HPF<sub>6</sub>  
•TFAFormula: C<sub>22</sub>H<sub>34</sub>N<sub>6</sub>O<sub>9</sub>·HPF<sub>6</sub>·TFA

FW: 786.5

CAS Number: 1006711-09-5

Purity: ≥ 94%

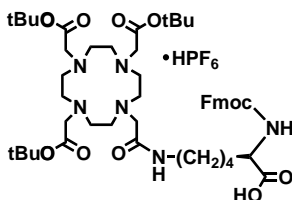
50 mg \$123

100 mg \$252

500 mg \$774

1 g \$1,299

1,4,7,10-Tetraazacyclododecane-1,4,7-tris-acetic acid-10-maleimidoethylacetamide

**Fmoc-L-Lys-mono-amide-DOTA-tris(*t*-Bu ester)****B-275**•HPF<sub>6</sub>Formula: C<sub>49</sub>H<sub>74</sub>N<sub>6</sub>O<sub>11</sub>·HPF<sub>6</sub>

FW: 1069.1

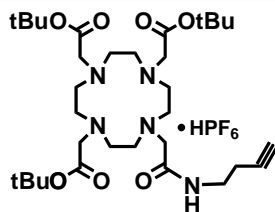
CAS Number: 479081-06-6

Purity: ≥ 94%

50mg \$228

100mg \$359

500mg \$1,085

1,4,7,10-Tetraazacyclododecane-1,4,7-tris-tert-butyl acetate-10-(N-*a*-Fmoc-N-*e*-acetamido-L-lysine)**Butyne-DOTA-tris(*t*-Bu ester)****B-276**•HPF<sub>6</sub>Formula: C<sub>32</sub>H<sub>57</sub>N<sub>5</sub>O<sub>7</sub>·HPF<sub>6</sub>

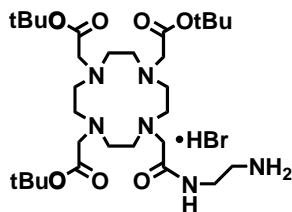
FW: 769.8

CAS Number: 2125661-54-1

Purity: ≥ 94%

100 mg \$233

500 mg \$914

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(*t*-butyl acetate)-10-(3-butynylacetamide)**2-Aminoethyl-mono-amide-DOTA-tris(*t*-Bu ester)****B-277**

•HBr

Formula: C<sub>30</sub>H<sub>58</sub>N<sub>6</sub>O<sub>7</sub>·HBr

FW: 695.7

CAS Number: 173308-19-5

Purity: ≥ 94%

500 mg \$353

1 g \$635

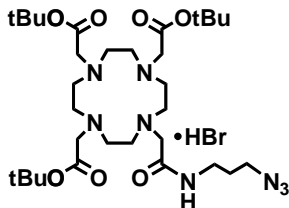
5 g \$2,520

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(*t*-butyl-acetate)-10-(aminoethylacetamide)



### Azido-mono-amide-DOTA-tris(*t*-Bu ester)

**B-278**



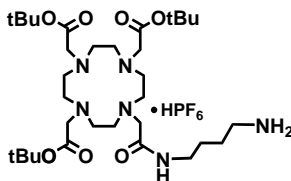
Formula:  $C_{31}H_{58}N_8O_7 \cdot HBr$   
FW: 735.8  
CAS Number: 1402795-92-9  
Purity:  $\geq 94\%$

100 mg	\$233
500 mg	\$924
1 g	\$1,679

1,4,7,10-Tetraazacyclododecane-1,4,7-tris-tert-butyl acetate-10-(azidopropyl ethylacetamide)

### 4-Aminobutyl-DOTA-tris (*t*-Bu ester)

**B-279**



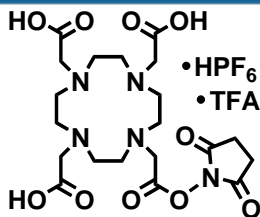
Formula:  $C_{32}H_{62}N_6O_7 \cdot HPF_6$   
FW: 788.8  
CAS Number: 1402393-59-2  
Purity:  $\geq 94\%$

100 mg	\$246
500 mg	\$843

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(*t*-butyl acetate)-10-(4-aminobutyl)acetamide

### DOTA-NHS-ester

**B-280**



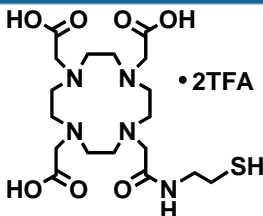
Formula:  $C_{20}H_{31}N_5O_{10} \cdot HPF_6 \cdot TFA$   
FW: 761.5  
CAS Number: 1823122-52-6  
Purity:  $\geq 90\%$

100 mg	\$151
500 mg	\$591
1 g	\$1,115

1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetraacetic acid mono-N-hydroxysuccinimide ester

### DO3A-Thiol

**B-281**



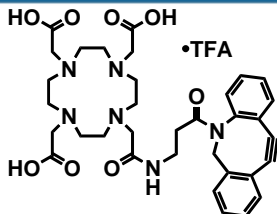
Formula:  $C_{18}H_{33}N_5O_7S \cdot 2CF_3CO_2H$   
FW: 691.6  
CAS Number: 865470-67-3  
Purity:  $\geq 94\%$

50 mg	\$499
100 mg	\$960
500 mg	\$3,253

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(acetic acid)-10-(2-thioethyl)acetamide

## DO3A-DBCO

**B-283**



Formula:  $C_{34}H_{42}N_6O_8 \cdot CF_3CO_2H$

100 mg \$633

FW: 776.8

500 mg \$2,409

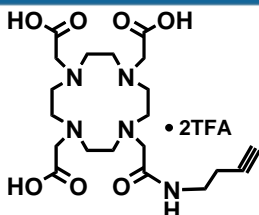
CAS Number:

Purity:  $\geq 94\%$

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(acetic acid)-10-[3-oxo-3-(5-azadibenzocyclooctyne)acetamide]

## Butyne-DOTA

**B-286**



Formula:  $C_{20}H_{33}N_5O_7 \cdot 2CF_3CO_2H$

100 mg \$341

FW: 683.6

500 mg \$1,323

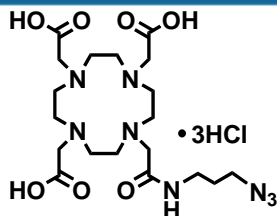
CAS Number: 2125661-62-1

Purity:  $\geq 94\%$

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(acetic acid)-10-(3-butynylacetamide)

## Azido-mono-amide-DOTA

**B-288**



Formula:  $C_{19}H_{34}N_8O_7 \cdot 3HCl$

100 mg \$325

FW: 595.9

500 mg \$1,294

CAS Number: 1227407-76-2

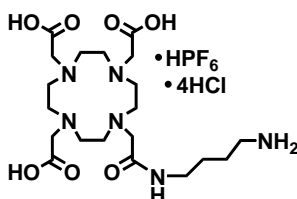
Purity:  $\geq 94\%$

1 g \$2,352

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(acetic acid)-10-(azidopropyl ethylacetamide)

## 4-Aminobutyl-DOTA

**B-289**



Formula:  $C_{20}H_{38}N_6O_7 \cdot HPF_6 \cdot 4HCl$

100 mg \$359

FW: 766.4

500 mg \$1,393

CAS Number: 753421-63-5

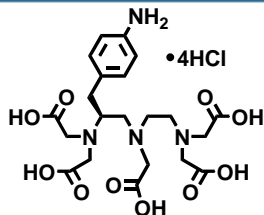
Purity:  $\geq 94\%$

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(acetic acid)-10-(4-aminobutyl)acetamide



**p-NH<sub>2</sub>-Bn-DTPA**

**B-300**



Formula: C<sub>21</sub>H<sub>30</sub>N<sub>4</sub>O<sub>10</sub>•4HCl

FW: 644.3

CAS Number: 102650-29-3

Purity: ≥ 94%

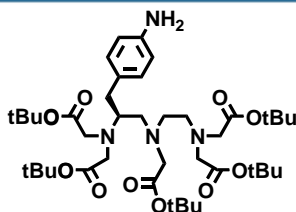
100 mg \$181

500 mg \$779

S-2-(4-Aminobenzyl)-diethylenetriamine pentaacetic acid

**p-NH<sub>2</sub>-Bn-DTPA-penta (t-Bu ester)**

**B-301**



Formula: C<sub>41</sub>H<sub>70</sub>N<sub>4</sub>O<sub>10</sub>

FW: 779.0

CAS Number: 205956-41-0

Purity: ≥ 94%

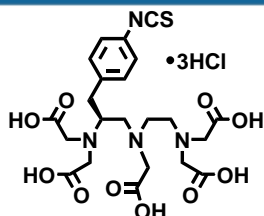
500 mg \$767

1g \$1,533

S-2-(4-Aminobenzyl)-diethylenetriamine penta-tert-butyl acetate

**p-SCN-Bn-DTPA**

**B-305**



Formula: C<sub>22</sub>H<sub>28</sub>N<sub>4</sub>O<sub>10</sub>S•3HCl

FW: 649.9

CAS Number: 102650-30-6

Purity: ≥ 94%

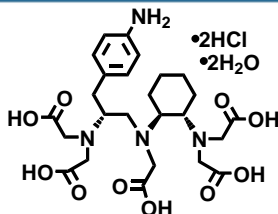
100 mg \$223

500 mg \$978

S-2-(4-Isothiocyanatobenzyl)-diethylenetriamine pentaacetic acid

**p-NH<sub>2</sub>-Bn-CHX-A''-DTPA**

**B-351**



Formula: C<sub>25</sub>H<sub>36</sub>N<sub>4</sub>O<sub>10</sub>•2HCl•2H<sub>2</sub>O

FW: 661.5

CAS Number: 1105741-38-5

Purity: ≥ 94%

100 mg \$450

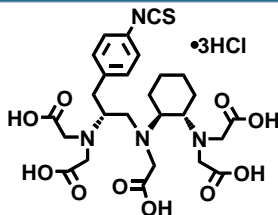
500 mg \$1,737

[(R)-2-Amino-3-(4-aminophenyl)propyl]-trans-(S,S)-cyclohexane-1,2-diamine-pentaacetic acid



**p-SCN-Bn-CHX-A"-DTPA**

**B-355**



•3HCl

Formula: C<sub>26</sub>H<sub>34</sub>N<sub>4</sub>O<sub>10</sub>S•3HCl

FW: 704.0

CAS Number: 157380-45-5

Purity: ≥ 94%

50 mg \$332

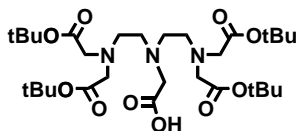
100 mg \$506

500 mg \$1,856

[[R]-2-Amino-3-(4-isothiocyanatophenyl)propyl]-trans-(S,S)-cyclohexane-1,2-diamine-pentaacetic acid

**DTPA-tetra (t-Bu ester)**

**B-365**



Formula: C<sub>30</sub>H<sub>55</sub>N<sub>3</sub>O<sub>10</sub>

FW: 617.8

CAS Number: 174267-71-1

Purity: ≥ 94%

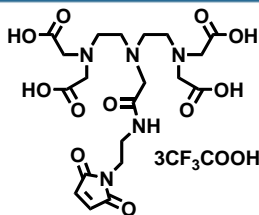
500 mg \$810

1 g \$1,490

Diethylenetriamine-N,N,N',N'-tetra-tert-butyl acetate-N'-acetic acid

**Maleimido-mono-amide-DTPA**

**B-372**



Formula: C<sub>20</sub>H<sub>29</sub>N<sub>5</sub>O<sub>11</sub>•3CF<sub>3</sub>CO<sub>2</sub>H

FW: 857.5

CAS Number: 2032239-75-9

Purity: ≥ 94%

50 mg \$391

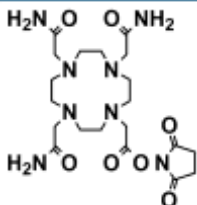
100 mg \$624

500 mg \$2,128

Diethylenetriamine-N,N,N',N'-tetra- acetic acid-N'-maleimidoethylacetamide

**DOTAM-NHS-ester**

**B-380**



Formula: C<sub>20</sub>H<sub>34</sub>N<sub>8</sub>O<sub>7</sub>

FW: 498.5

CAS Number: N/A

Purity: ≥ 94%

50 mg \$323

100 mg \$536

1-acetic acid mono(N-hydroxysuccinimidyl ester)-4,7,10-Tris(acetamido)-1,4,7,10-tetraazacyclododecane

## Fmoc-L-Lys-DOTAM

**B-385**



Formula:  $C_{37}H_{53}N_9O_8 \cdot HCl$

100mg \$244

FW: 788.3

500mg \$745

CAS Number: N/A

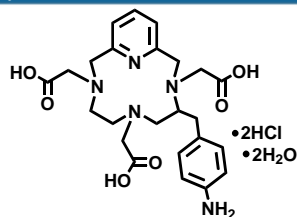
Purity:  $\geq 94\%$

1g \$1,223

1,4,7-Tris(acetamido)-10-(N- $\alpha$ -Fmoc-L-Lysine-acetamido)-1,4,7,10-tetraazacyclododecane

## *p*-NH<sub>2</sub>-Bn-PCTA

**B-401**



Formula:  $C_{24}H_{31}N_5O_6 \cdot 2HCl \cdot 2H_2O$

50 mg \$434

FW: 594.5

100 mg \$630

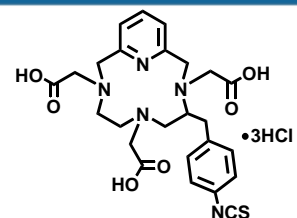
CAS Number: 2125661-64-3

Purity:  $\geq 94\%$

3,6,9,15-Tetraazabicyclo[9.3.1]pentadeca-1(15),11,13-triene-4-S-(4-aminobenzyl)-3,6,9-triacetic acid

## *p*-SCN-Bn-PCTA

**B-405**



Formula:  $C_{25}H_{29}N_5O_6S \cdot 3HCl$

50 mg \$531

FW: 637.0

100 mg \$718

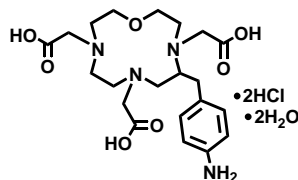
CAS Number: 949147-44-8

Purity:  $\geq 94\%$

3,6,9,15-Tetraazabicyclo[9.3.1]pentadeca-1(15),11,13-triene-4-S-(4-isothiocyanatobenzyl)-3,6,9-triacetic acid

## *p*-NH<sub>2</sub>-Bn-oxo-DO3A

**B-501**



Formula:  $C_{21}H_{32}N_4O_7 \cdot 2HCl \cdot 2H_2O$

50 mg \$434

FW: 561.5

100 mg \$630

CAS Number: 2125661-90-5

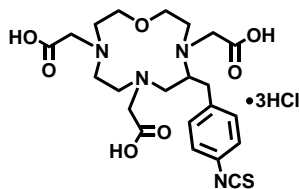
Purity:  $\geq 94\%$

1-Oxa-4,7,10-tetraazacyclododecane-5-S-(4-aminobenzyl)-4,7,10-triacetic acid



**p-SCN-Bn-oxo-DO3A**

**B-505**



Formula:  $C_{22}H_{30}N_4O_7S \cdot 3HCl$

FW: 603.9

CAS Number: 1370442-99-1

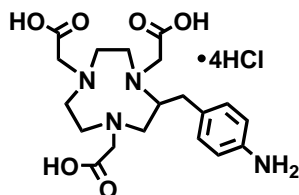
Purity:  $\geq 94\%$

50 mg	\$517
100 mg	\$699

1-Oxa-4,7,10-tetraazacyclododecane-5-S-(4-isothiocyanatobenzyl)-4,7,10-triacetic acid

**p-NH<sub>2</sub>-Bn-NOTA**

**B-601**



Formula:  $C_{19}H_{28}N_4O_6 \cdot 2HCl \cdot 2H_2O$

FW: 517.4

CAS Number: 142131-37-1

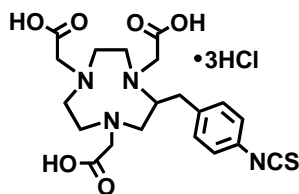
Purity:  $\geq 94\%$

50 mg	\$279
100 mg	\$457

2-S-(4-Aminobenzyl)-1,4,7-triazacyclononane-1,4,7-triacetic acid

**p-SCN-Bn-NOTA**

**B-605**



Formula:  $C_{20}H_{26}N_4O_6S \cdot 3HCl$

FW: 559.9

CAS Number: 147597-66-8

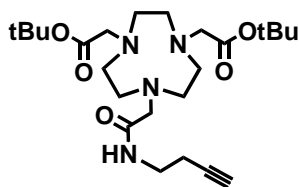
Purity:  $\geq 94\%$

50 mg	\$403
100 mg	\$606

2-S-(4-Isothiocyanatobenzyl)-1,4,7-triazacyclononane-1,4,7-triacetic acid

**NO<sub>2</sub>A-Butyne-bis (t-Bu ester)**

**B-616**



Formula:  $C_{24}H_{42}N_4O_5$

FW: 466.6

CAS Number: 2125661-91-6

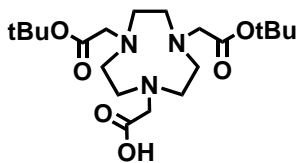
Purity:

100 mg	\$914
500 mg	\$3,100

1,4,7-Triazacyclononane-1,4-bis(t-butylacetate)-7-(3-butynylacetamide)

## NOTA-bis(t-Bu ester)

**B-620**



Formula:  $C_{20}H_{37}N_3O_6$

FW: 415.5

CAS Number: 1161415-28-6

Purity:  $\geq 95\%$

100 mg \$228

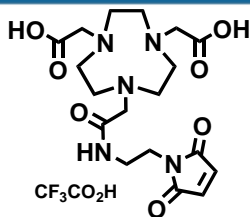
500 mg \$938

1 g \$1,304

1,4,7-Triazacyclononane-1,4-bis-tert-butyl acetate-7-acetic acid

## Maleimido-mono-amide-NOTA

**B-622**



Formula:  $C_{18}H_{27}N_5O_7 \cdot CF_3CO_2H$

FW: 539.5

CAS Number: 1295584-83-6

Purity:  $\geq 94\%$

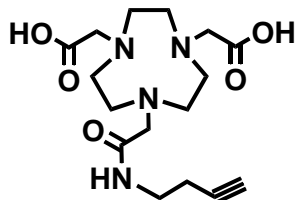
100 mg \$296

500 mg \$863

1,4,7-Triazacyclononane-1,4-bis-acetic acid-7-maleimidoethylacetamide

## NO2A-Butyne

**B-626**



Formula:  $C_{16}H_{26}N_4O_5$

FW: 354.4

CAS Number: 2089035-56-1

Purity:  $\geq 94\%$

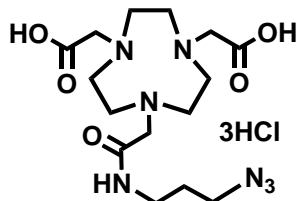
100 mg \$1,323

500 mg \$4,627

1,4,7-Triazacyclononane-1,4-bis(acetic acid)-7-(3-butynylacetamide)

## NO2A-Azide

**B-628**



Formula:  $C_{15}H_{27}N_7O_5 \cdot 3HCl$

FW: 494.8

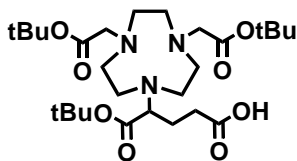
CAS Number: 2125661-92-7

Purity:  $\geq 94\%$

100 mg \$563

500 mg \$1,633

1,4,7-Triazacyclononane-1,4-bis(acetic acid)-7-(3-azidopropylacetamide)

**NODAGA-tris(t-Bu ester)****B-664**Formula: C<sub>27</sub>H<sub>49</sub>N<sub>3</sub>O<sub>8</sub>

FW: 543.7

CAS Number: 438553-50-3

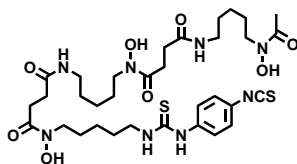
Purity: &gt; 94%

100 mg \$284

500 mg \$1,061

1 g \$1,733

2-[1,4,7-Triazaclononan-1-yl-4,7-bis(tBu-ester)]-1,5-pentanedioic acid

**p-SCN-Bn-Deferoxamine****B-705**Formula: C<sub>33</sub>H<sub>52</sub>N<sub>8</sub>O<sub>8</sub>S<sub>2</sub>

FW: 752.9

CAS Number: 1222468-90-7

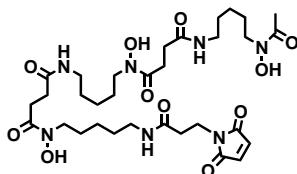
Purity: ≥ 94%

50 mg \$246

100 mg \$389

500 mg \$1,342

1-(4-isothiocyantophenyl)-3-[6,17-dihydroxy-7,10,18,21-tetraoxo-27-(N-acetylhydroxylamino)-6,11,17,22-tetraazaheptaacosine] thiourea

**Deferoxamine-maleimide****B-772**Formula: C<sub>32</sub>H<sub>53</sub>N<sub>7</sub>O<sub>11</sub>

FW: 711.8

CAS Number: 1638156-31-6

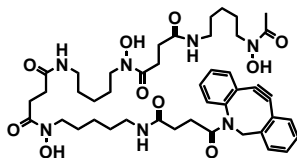
Purity: ≥ 94%

50mg \$256

100mg \$404

500mg \$1,390

N-(3,11,14,22,25,33-hexaoxo-4,10,15,21,26,32-hexaaza-10,21,32-trihydroxytetraatriacontane)maleimide

**Deferoxamine-DBC0****B-773**Formula: C<sub>44</sub>H<sub>61</sub>N<sub>7</sub>O<sub>10</sub>

FW: 848

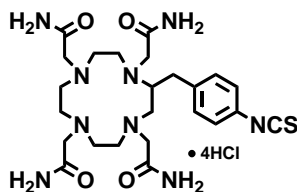
CAS Number: N/A

Purity: ≥ 94%

50 mg \$449

100 mg \$609

N-(1,4,12,15,23,26,34-heptaexo-5,11,16,22,27,33-hexaaza-11,22,33-trihydroxypentatriacontane)-5-azadibenzocyclooctyne

***p*-SCN-Bn-TCMC****B-1005**Formula: C<sub>24</sub>H<sub>37</sub>N<sub>9</sub>O<sub>4</sub>S·4HCl

FW: 693.5

CAS Number: 282097-63-6

Purity: ≥ 94%

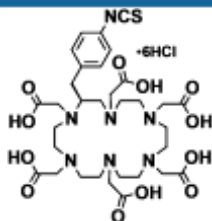
50 mg \$403

100 mg \$744

500 mg \$2,807

1 g \$4,900

S-2-(4-Isothiocyanatobenzyl)-1,4,7,10-tetraaza-1,4,7,10-tetra(2-carbamoylmethyl)cyclododecane

***p*-SCN-Bn-HEHA****B-1305**Formula: C<sub>32</sub>H<sub>47</sub>N<sub>7</sub>O<sub>12</sub>S·6HCl

FW: 972.6

CAS Number: N/A

Purity: ≥ 94%

50 mg \$160

100 mg \$290

2-(4-Isothiocyanatobenzyl)-1,2,7,10,13-hexaazacyclooctadecane-1,4,7,10,13,16-hexaacetic acid

**Bifunctional Starter Pack****S-100***p*-SCN-Bn-DOTA**B-205** 50 mg

DOTA-NHS-ester

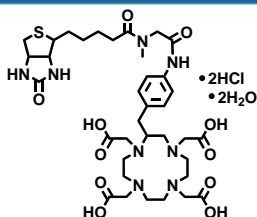
**B-280** 100 mg*p*-SCN-Bn-DTPA**B-305** 100 mg*p*-SCN-Bn-CHX-A"-DTPA**B-355** 50 mg

Samples of our most popular bifunctional chelators



# Conjugates

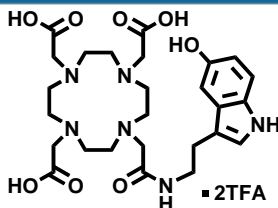
## DOTA-Biotin-Sarcosine

**C-100**

Formula: $C_{36}H_{54}N_8O_{11}S \cdot 2HCl \cdot 2H_2O$	20 mg	\$474
FW: 915.9	50 mg	\$992
CAS Number: 180978-54-5	100 mg	\$1,931
Purity: $\geq 94\%$		

(N-methyl-N-(hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl)-oxopentyl)glycyl-2-(S)-(4-aminobenzyl)-1,4,7,10-tetraacetic acid-1,4,7,10-tetraazacyclododecane

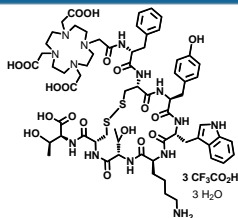
## DO3A-Serotonin

**C-210**

Formula: $C_{26}H_{38}N_6O_8 \cdot 2CF_3CO_2H$	100 mg	\$469
FW: 790.7	500 mg	\$1,883
CAS Number: 2125661-93-8		
Purity: $\geq 94\%$		

1-(5-Hydroxyindole-3-ethylacetamide)-4,7,10-triacetic acid-1,4,7,10-tetraazacyclododecane

## DOTATATE

**C-220**

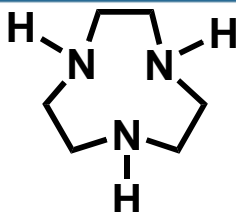
Formula: $C_{65}H_{90}N_{14}O_{19}S_2 \cdot 3TFA \cdot 3H_2O$	1 mg	\$357
FW: 1831.7	5 mg	\$1,274
CAS Number: 177943-89-4		
Purity: $\geq 95\%$		

DOTA-d-Phe-Cys-Tyr-d-Trp-Lys-Thr-Cys-Thr



## MacroCyclic Ligands

### TACN

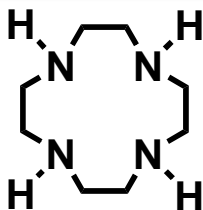
**M-090**

Formula:  $C_6H_{15}N_3$   
FW: 129.2  
CAS Number: 4730-54-5  
Purity:  $\geq 95\%$

1 g \$147  
5 g \$671

1,4,7-Triazacyclononane

### Cyclen

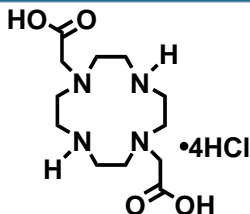
**M-100**

Formula:  $C_8H_{20}N_4$   
FW: 172.3  
CAS Number: 294-90-6  
Purity: Crystalline

5 g \$282  
10 g \$556  
25 g \$1,234

1,4,7,10-Tetraazacyclododecane

### DO2A

**M-125**

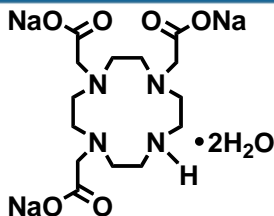
Formula:  $C_{12}H_{24}N_4O_4 \cdot 4HCl$   
FW: 434.2  
CAS Number: 112193-75-6  
Purity: N/A

500 mg \$553  
1 g \$1,000

1,4,7,10-Tetraazacyclododecane-1,7-diacetic acid

## DO3A

**M-135**



Formula:  $C_{14}H_{23}N_4O_6Na_3 \cdot 2H_2O$

500 mg \$427

FW: 448.4

1 g \$744

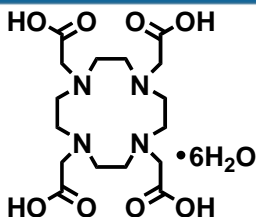
CAS Number: 217973-03-0

Purity:  $\geq 95\%$

1,4,7,10-Tetraazacyclododecane-1,4,7-triacetic acid trisodium salt

## DOTA

**M-140**



Formula:  $C_{16}H_{28}N_4O_8 \cdot 6H_2O$

1 g \$100

FW: 512.5

5 g \$422

CAS Number: 60239-18-1

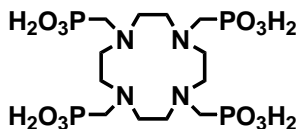
Purity:  $\geq 95\%$

25 g \$1,746

1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetraacetic acid

## DOTP

**M-150**



Formula:  $C_{12}H_{32}N_4O_{12}P_4$

1 g \$100

FW: 548.3

5 g \$320

CAS Number: 91987-74-5

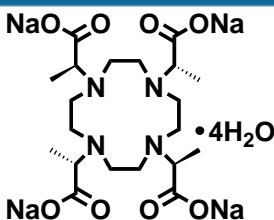
Purity:  $\geq 95\%$

10 g \$593

1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetra(methylene phosphonic acid)

## DOTMA

**M-160**



Formula:  $C_{20}H_{32}N_4O_8Na_4 \cdot 4H_2O$

100 mg \$194

FW: 620.5

500 mg \$604

CAS Number: 148408-89-3

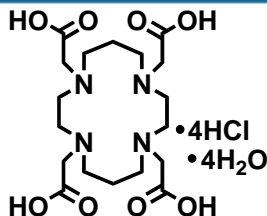
Purity:  $\geq 95\%$

1 g \$1,079

(1R, 4R, 7R, 10R)- $\alpha$ ,  $\alpha'$ ,  $\alpha''$ ,  $\alpha'''$ -Tetramethyl-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid tetrasodium salt

## TETA

M-170

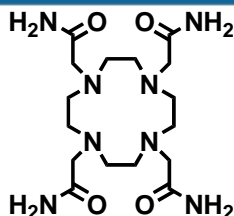


Formula: C <sub>18</sub> H <sub>32</sub> N <sub>4</sub> O <sub>8</sub> ·4H <sub>2</sub> O·4HCl	500 mg	\$565
FW: 650.4	1 g	\$1,029
CAS Number: 314041-07-1	5 g	\$4,295
Purity: ≥ 95%		

1,4,8,11-Tetraazacyclotetradecane-1,4,8,11-tetraacetic acid

## DOTAM

M-180

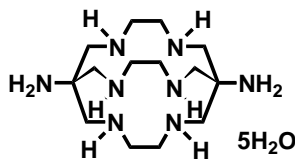


Formula: C <sub>16</sub> H <sub>32</sub> N <sub>4</sub> O <sub>8</sub> O <sub>4</sub>	500 mg	\$62
FW: 400.5	1 g	\$114
CAS Number: 157599-02-5	5 g	\$528
Purity: ≥ 95%		

1,4,7,10-Tetrakis(carbamoylmethyl)-1,4,7,10-tetraazacyclododecane

## DiAmSar

M-190

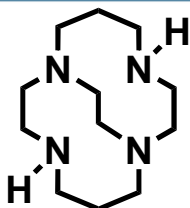


Formula: C <sub>14</sub> H <sub>34</sub> N <sub>8</sub> ·5H <sub>2</sub> O	100 mg	\$351
FW: 404.6	500 mg	\$1,155
CAS Number: 91002-72-1		
Purity: Crystalline		

1,8-Diamino-3,6,10,13,16,19-hexaazabicyclo[6,6,6]-eicosane

## CB-Cyclam

M-200



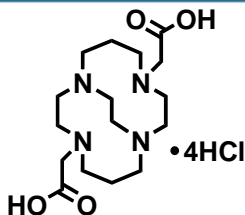
Formula: C <sub>12</sub> H <sub>26</sub> N <sub>4</sub>	500 mg	\$492
FW: 226.4	1 g	\$764
CAS Number: 130701-19-8		
Purity: N/A		

1,4,8,11-Tetraazabicyclo[6.6.2]hexadecane



## CB-TE2A

**M-220**



Formula:  $C_{16}H_{30}N_4O_4 \cdot 4HCl$

FW: 448.3

CAS Number: 313229-90-2

Purity: N/A

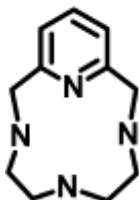
100 mg \$131

500 mg \$518

1,4,8,11-Tetraazabicyclo[6.6.2]hexadecane-4,11-diacetic acid

## Pyclen

**M-300**



Formula:  $C_{11}H_{18}N_4$

FW: 206.3

CAS Number: 78668-34-5

Purity:  $\geq 95\%$

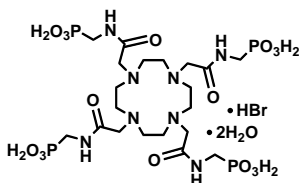
500mg \$540

1g \$1,027

3,9,6,15-Tetraazabicyclo[9.3.1]pentadeca-1(15),11,13-triene

## DOTA-4AMP

**M-400**



Formula:  $C_{20}H_{44}N_8O_{16}P_4 \cdot 2H_2O \cdot HBr$

FW: 893.4

CAS Number: 254444-71-8

Purity:  $\geq 94\%$

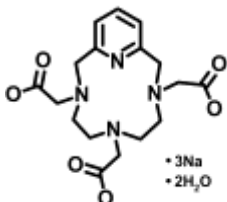
100 mg \$422

500 mg \$1,088

1,4,7,10-tetraazacyclododecane-1,4,7,10-tetrakis(acetamido-methylenephosphonic acid)

## PCTA

**M-430**



Formula:  $C_{17}H_{21}N_4O_6 \cdot 3Na \cdot 2H_2O$

FW: 482.4

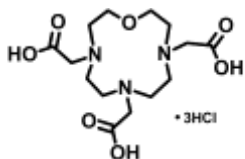
CAS Number: N/A

Purity:  $\geq 94\%$

100mg \$225

500mg \$981

3,6,9,15-Tetraazabicyclo[9.3.1]pentadeca-1(15),11,13-triene-3,6,9-triacetic acid

**Oxo-DO3A****M-530**Formula:  $C_{14}H_{25}N_3O_7 \cdot 3HCl$ 

FW: 456.7

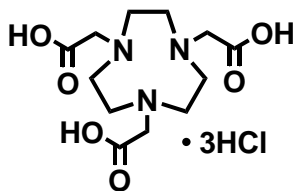
CAS Number: N/A

Purity:  $\geq 94\%$ 

100mg \$327

500mg \$1,072

1-Oxa-4,7,10-tetraazacyclododecane-4,7,10-triacetic acid

**NOTA****M-600**Formula:  $C_{12}H_{21}N_3O_6 \cdot 3HCl$ 

FW: 412.7

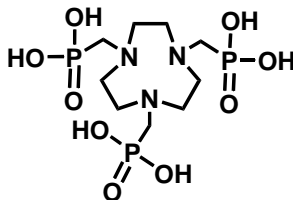
CAS Number: 56491-86-2

Purity:  $\geq 95\%$ 

500 mg \$357

1 g \$515

1,4,7-Triazacyclononane-1,4,7-triacetic acid

**NOTP****M-650**Formula:  $C_9H_{24}N_3O_9P$ 

FW: 411.2

CAS Number: 4730-54-5

Purity:  $\geq 95\%$ 

1g \$229

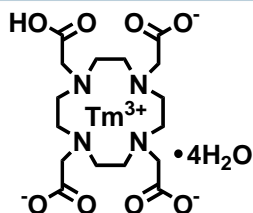
5g \$972

1,4,7-Triazacyclononane-1,4,7-tri(methylene phosphonic acid)



# Magnetic Resonance Reagents

## Tm-DOTA

**M-145**Formula:  $\text{TmC}_{16}\text{H}_{25}\text{N}_4\text{O}_8 \cdot 4\text{H}_2\text{O}$ 

500 mg \$252

FW: 642.4

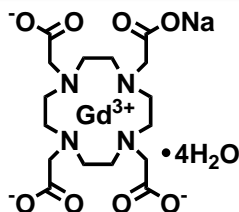
1 g \$462

CAS Number: 78063-83-9

Purity:  $\geq 94\%$ 

Thulium (III) 1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetraacetate

## Gd-DOTA

**M-147**Formula:  $\text{GdC}_{16}\text{H}_{24}\text{N}_4\text{O}_8\text{Na} \cdot 4\text{H}_2\text{O}$ 

500 mg \$226

FW: 652.7

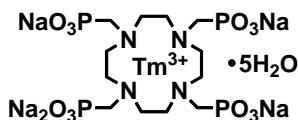
1 g \$396

CAS Number: 72573-82-1

Purity: N/A

Gadolinium (III) 1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetraacetate

## Tm-DOTP

**M-155**Formula:  $\text{TmC}_{12}\text{H}_{24}\text{N}_4\text{O}_{12}\text{P}_4\text{Na}_5 \cdot 5\text{H}_2\text{O}$ 

1 g \$180

FW: 914.2

10 g \$1,469

CAS Number: 30859-88-8

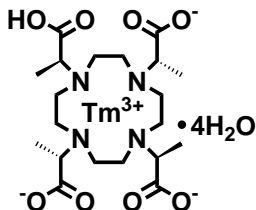
Purity: N/A

100 g \$13,582

Thulium (III) 1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetra(methylenephosphonate)

## Tm-DOTMA

**M-165**



Formula:  $\text{TmC}_{20}\text{H}_{33}\text{N}_4\text{O}_8 \cdot 4\text{H}_2\text{O}$

500 mg \$938

FW: 698.5

1 g \$1,461

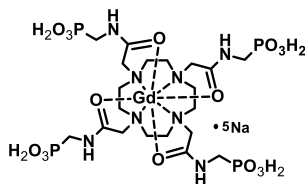
CAS Number: 2126179-30-2

Purity:  $\geq 94\%$

Tulium (III) (1R, 4R, 7R, 10R)- $\alpha$ ,  $\alpha'$ ,  $\alpha''$ ,  $\alpha'''$ -Tetramethyl-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid

## Gd-DOTA-4AMP

**M-407**



Formula:  $\text{GdC}_{20}\text{H}_{36}\text{N}_8\text{O}_{16}\text{P}_4\text{Na}_5$

50mg \$357

FW: 1040.6

100mg \$536

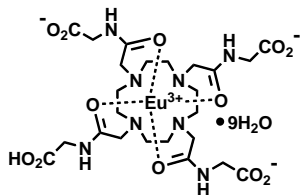
CAS Number: 752981-95-6

Purity:  $\geq 94\%$

Gadolinium (III) 1,4,7,10-tetraazacyclododecane-1,4,7,10-tetrakis(acetamido-methylenephosphonic acid)

## Eu-DOTA-4AmC

**M-503**



Formula:  $\text{EuC}_{24}\text{H}_{37}\text{N}_8\text{O}_{12} \cdot 9\text{H}_2\text{O}$

50 mg \$183

FW: 943.7

100 mg \$324

CAS Number: 481668-57-9

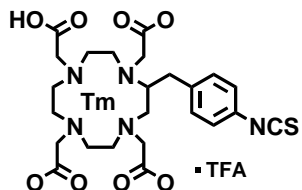
Purity:  $\geq 95\%$

500 mg \$744

Europium (III) 1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetrakis(acetamidoacetic acid)

## Tm-p-SCN-Bn-DOTA

**X-205**



Formula:  $\text{TmC}_{24}\text{H}_{30}\text{N}_5\text{O}_8 \cdot \text{TFA}$

50 mg \$801

FW: 831.6

100 mg \$1,363

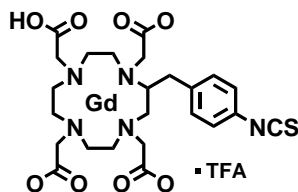
CAS Number: 2126179-32-4

Purity:  $\geq 94\%$

Tulium (III) S-2-(4-isothiocyanatobenzyl)-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid

### Gd-p-SCN-Bn-DOTA

**X-207**



Formula:  $GdC_{24}H_{30}N_5O_8 \cdot TFA$

FW: 819.9

CAS Number: 2126179-26-6

Purity:  $\geq 94\%$

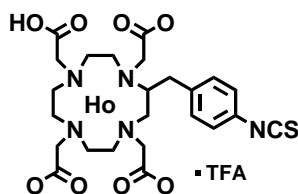
50 mg \$801

100 mg \$1,363

Gadolinium (III) S-2-(4-isothiocyanatobenzyl)-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid

### Ho-p-SCN-Bn-DOTA

**X-209**



Formula:  $HoC_{24}H_{30}N_5O_8 \cdot TFA$

FW: 827.5

CAS Number: 2126179-28-8

Purity:  $\geq 94\%$

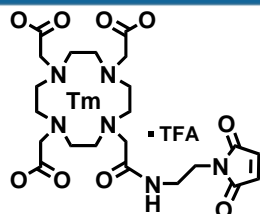
50 mg \$801

100 mg \$1,363

Holmium (III) S-2-(4-isothiocyanatobenzyl)-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid

### Tm-Maleimido-DOTA

**X-275**



Formula:  $TmC_{22}H_{31}N_6O_9 \cdot TFA$

FW: 806.5

CAS Number: 1552305-24-4

Purity:  $\geq 94\%$

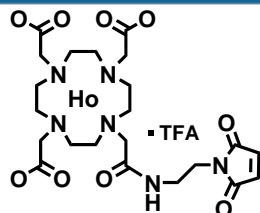
50 mg \$530

100 mg \$920

Thulium (III) 1,4,7,10-tetraazacyclododecane-1,4,7-tris(acetic acid)-10-maleimidoethylacetamide

### Ho-Maleimido-DOTA

**X-279**



Formula:  $HoC_{22}H_{31}N_6O_9 \cdot TFA$

FW: 802.5

CAS Number: 1349103-97-4

Purity:  $\geq 94\%$

50 mg \$530

100 mg \$920

Holmium (III) 1,4,7,10-tetraazacyclododecane-1,4,7-tris(acetic acid)-10-maleimidoethylacetamide



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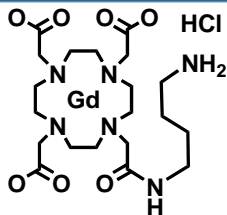
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(469) 786-6060

## Gd-DO3A-Butylamine

X-287



Formula:  $\text{GdC}_{20}\text{H}_{35}\text{N}_6\text{O}_7 \cdot \text{HCl}$

FW: 665.2

CAS Number: 782423-00-1

Purity:  $\geq 94\%$

100 mg \$569

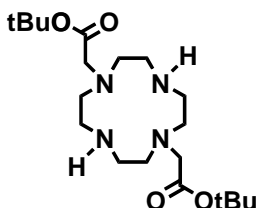
500 mg \$2,211

Gadolinium (III) 1,4,7,10-Tetraazacyclododecane-1,4,7-tris(acetic acid)-10-(4-aminobutyl)acetamide



## Reactive Intermediates

### DO2A-*tert*-butyl ester

**M-120**Formula: C<sub>20</sub>H<sub>40</sub>N<sub>4</sub>O<sub>4</sub>

FW: 400.6

CAS Number: 162148-48-3

Purity: ≥ 95%

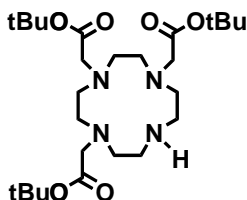
500 mg \$197

1 g \$301

5 g \$1,259

1,4,7,10-Tetraazacyclododecane-1,7-bis(*t*-butyl acetate)

### DO3A-*tert*-butyl ester

**M-130**Formula: C<sub>26</sub>H<sub>50</sub>N<sub>4</sub>O<sub>6</sub>

FW: 514.7

CAS Number: 122555-91-3

Purity: ≥ 95%

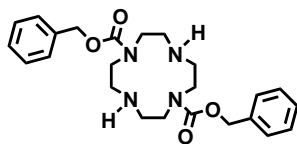
500 mg \$109

1 g \$147

5 g \$645

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(*t*-butyl acetate)

### Bis-CBZ-Cyclen

**I-121**Formula: C<sub>24</sub>H<sub>32</sub>N<sub>4</sub>O<sub>4</sub>

FW: 440.5

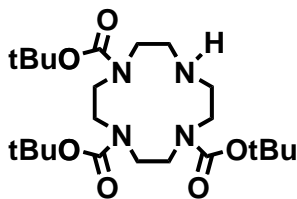
CAS Number: 162148-45-0

Purity: ≥ 95%

1 g \$351

5 g \$1,393

1,4,7,10-Tetraazacyclododecane-1,7-bis(benzylcarbamide)

**Tris-BOC-Cyclen****I-131**Formula:  $C_{24}H_{44}N_4O_6$ 

FW: 472.6

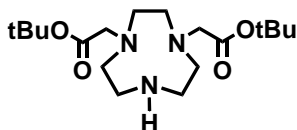
CAS Number: 175854-39-4

Purity:  $\geq 95\%$ 

1 g \$195

5 g \$872

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(t-butoxycarbonyl)

**NO2A-(t-Bu ester)****I-623**Formula:  $C_{18}H_{35}N_3O_4$ 

FW: 357.5

CAS Number: 174137-97-4

Purity:  $\geq 95\%$ 

500 mg \$582

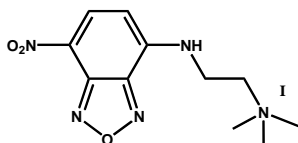
1 g \$976

1,4,7-Triazacyclononane-1,4-bis(t-butyl acetate)





## Fluorescent Probes

**EAM-1****D-100**Formula:  $C_{11}H_{16}N_5O_3I$ 

FW: 393.2

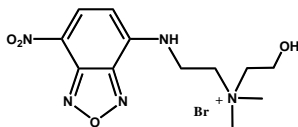
CAS Number: 287970-46-1

Purity:  $\geq 94\%$ 

10 mg

\$405

N,N,N-Trimethyl-2-((7-nitro-1,2,3-benzoxadiazol-4-yl)amino)ethanaminium iodide

**EAM-2****D-110**Formula:  $C_{12}H_{18}N_5O_4Br$ 

FW: 376.2

CAS Number: 2125661-97-2

Purity:  $\geq 94\%$ 

10 mg

\$405

N,N-Dimethyl-N-(2-hydroxyethyl)-2-((7-nitro-1,2,3-benzoxadiazol-4-yl)amino)ethanaminium bromide



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