Macrocyclics™

An oranomed Company

2025 PRODUCT CATALOG

30 Years of *Molecular* Innovation

Macrocyclics™

An oranomed Company

ABOUT MACROCYCLICS

Macrocyclics, Inc., founded in 1995 and headquartered in Plano, Texas, is a CDMO specializing in chelating agents for radiopharmaceuticals and nuclear medicine. A subsidiary of Orano Med, the company provides custom synthesis, kilo-scale manufacturing, and bioconjugation services to accelerate early-stage pharmaceutical development.

Our catalog of over 90 compounds contains chelators for common and experimental radioisotopes, linkers for random and site specific conjugations, and a variety of metal-complexes and synthetic intermediates that promote rapid advancements in the field of Nuclear Medicine.

ABOUT YOUR ORDER

SHIPPING

Most of the compounds we sell are stable under ambient conditions. It is not necessary to refrigerate our compounds during short-distance transportation. Therefore, we ship our compounds *via* FedEx Air. 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°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 or (469) 786-6060.

SDS

SAFETY DATA SHEETS

SDSs are available on our website under the Individual product pages. Please message info@macrocyclics.com if you cannot find the document you are looking for.

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PRODUCT ANALYSIS

Macrocyclics' expertise in organic synthesis is complemented by our dedication to quality and analytical accuracy, generating the highest possible quality for all our products.

CERTIFICATE OF ANALYSIS

Certificates of analysis are available online and by request. The COA 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.

HOW TO ORDER

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

- Completed New Customer Information form
- Purchase order
- Shipping and billing addresses
- Email address and contact information

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

Online: Purchase by credit card at www.macrocyclics.com

By Email: Send Purchase Orders to info@macrocyclics.com

By Fax: You can fax your order to (469) 814-9116.

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

There is a $20 service charge for international wire transfers.

Please see Macrocyclics bank information on your original invoice.

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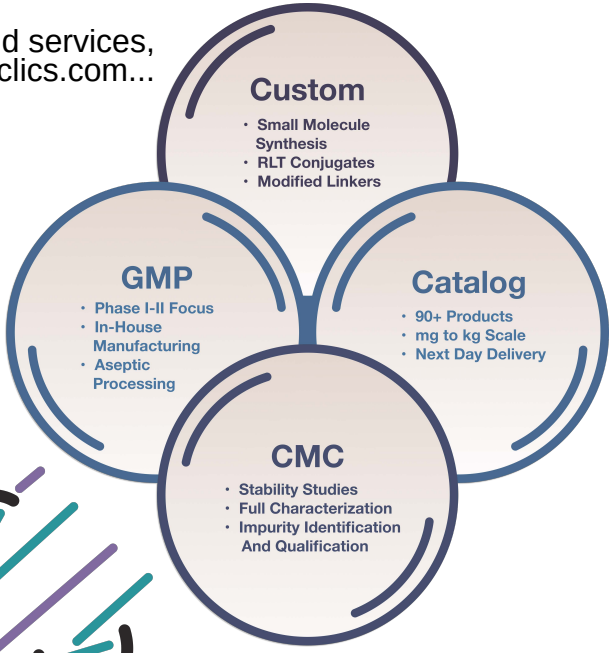
For custom orders and services,
email info@Macrocyclics.com...



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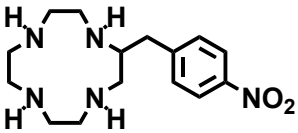
Bifunctional Chelators (BFCs)

p-NO_2-Bn-Cyclen — B-110

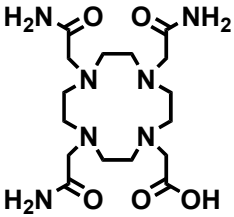


Formula: $C_{15}H_{25}N_5O_2$
FW: 307.4
CAS Number: 116052-96-9
HPLC Purity: ≥ 95%

100 mg	$437
500 mg	$1,957

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

DOTAM-mono-acid — B-170

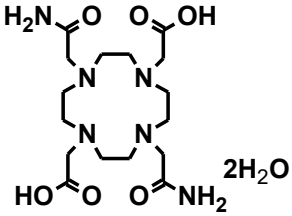


Formula: $C_{16}H_{31}N_7O_5$
FW: 401.5
CAS Number: 913528-04-8
HPLC Purity: ≥ 95%

100 mg	$116
500 mg	$394
1 g	$566
5 g	$2,429

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

DOTAM-bis-acid — B-172

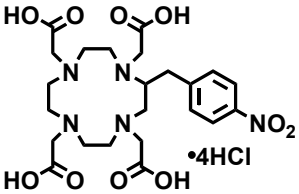


Formula: $C_{16}H_{30}N_6O_6 \cdot 2H_2O$
FW: 438.5
CAS Number: N/A
HPLC Purity: ≥ 95%

50 mg	$431
100 mg	$732

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

p-NO_2-Bn-DOTA — B-199

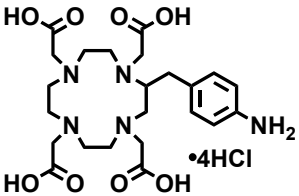


Formula: $C_{23}H_{33}N_5O_{10}\cdot 4HCl$
FW: 685.4
CAS Number: 116052-88-1
HPLC Purity: ≥ 95%

50 mg	$309
100 mg	$495

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

p-NH_2-Bn-DOTA — B-200

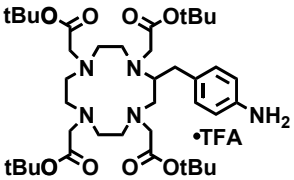


Formula: $C_{23}H_{35}N_5O_8\cdot 4HCl$
FW: 655.4
CAS Number: 181065-46-3
HPLC Purity: ≥ 95%

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

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

p-NH_2-Bn-DOTA-tetra(*t*-Bu ester) — B-201

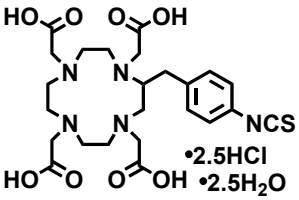


Formula: $C_{39}H_{67}N_5O_8\cdot TFA$
FW: 848.0
CAS Number: 446061-19-4
HPLC Purity: ≥ 95%

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

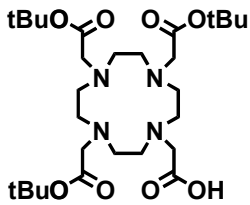


Formula: $C_{24}H_{33}N_5O_8S\cdot 2.5HCl\cdot 2.5H_2O$
FW: 687.8
CAS Number: 1020407-41-3
HPLC Purity: ≥ 95%

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

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

DOTA-tris(t-Bu ester) B-260

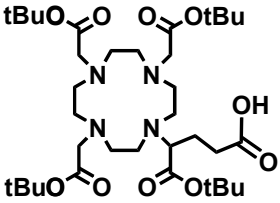


Formula: $C_{28}H_{52}N_4O_8$
FW: 572.7
CAS Number: 137076-54-1
HPLC Purity: ≥ 95%

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

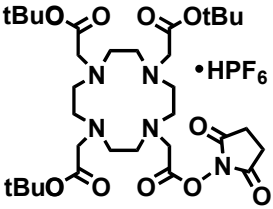


Formula: $C_{35}H_{64}N_4O_{10}$
FW: 700.9
CAS Number: 306776-79-4
HPLC Purity: ≥ 95%

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

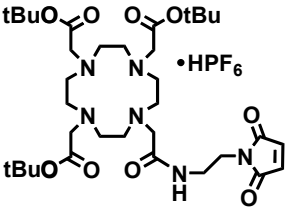


Formula: $C_{32}H_{55}N_5O_{10}\cdot HPF_6$
FW: 815.8
CAS Number: 819869-77-7
HPLC Purity: ≥ 95%

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

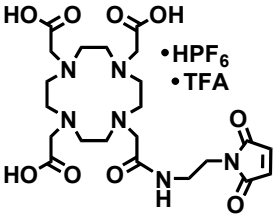


Formula: $C_{34}H_{58}N_6O_9\cdot HPF_6$
FW: 840.8
CAS Number: 1613382-10-7
HPLC Purity: ≥ 95%

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

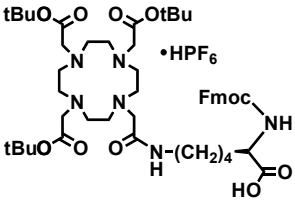


Formula: $C_{22}H_{34}N_6O_9 \cdot HPF_6 \cdot TFA$
FW: 786.5
CAS Number: 1006711-09-5
HPLC Purity: ≥ 95%

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

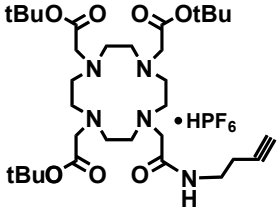


Formula: $C_{49}H_{74}N_6O_{11} \cdot HPF_6$
FW: 1069.1
CAS Number: 479081-06-6
HPLC Purity: ≥ 95%

50 mg	$228
100 mg	$359
500 mg	$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

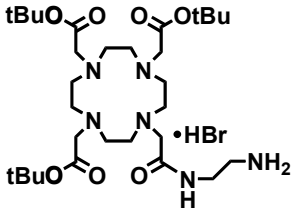


Formula: $C_{32}H_{57}N_5O_7 \cdot HPF_6$
FW: 769.8
CAS Number: 2125661-54-1
HPLC Purity: ≥ 95%

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

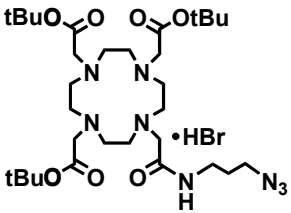


Formula: $C_{30}H_{58}N_6O_7 \cdot HBr$
FW: 695.7
CAS Number: 173308-19-5
HPLC Purity: ≥ 95%

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

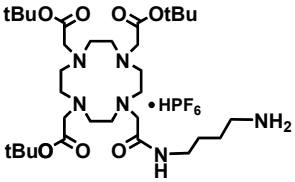


Formula: $C_{31}H_{58}N_8O_7 \cdot HBr$
FW: 735.8
CAS Number: 1402795-92-9
HPLC Purity: ≥ 95%

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

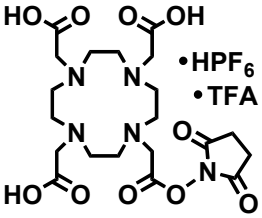


Formula: $C_{32}H_{62}N_6O_7 \cdot HPF_6$
FW: 788.8
CAS Number: 1402393-59-2
HPLC Purity: ≥ 95%

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

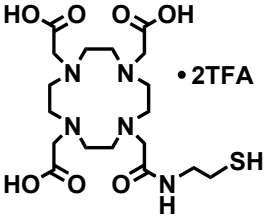


Formula: $C_{20}H_{31}N_5O_{10} \cdot HPF_6 \cdot TFA$
FW: 761.5
CAS Number: 1823122-52-6
HPLC Purity: ≥ 90%

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

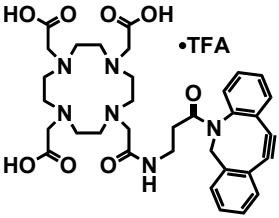


Formula: $C_{18}H_{33}N_5O_7S \cdot 2TFA$
FW: 691.6
CAS Number: 865470-67-3
HPLC Purity: ≥ 95%

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

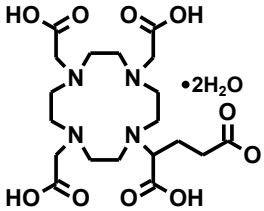


Formula: $C_{34}H_{42}N_6O_8 \cdot TFA$
FW: 776.8
CAS Number: 1374865-01-6
HPLC Purity: ≥ 95%

100 mg	$633
500 mg	$2,409

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

DOTAGA B-284

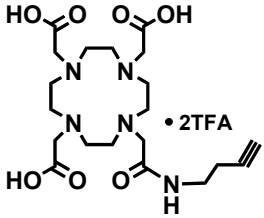


Formula: $C_{19}H_{32}N_4O_{10} \cdot H_2O$
FW: 512.5
CAS Number: 656242-49-8
HPLC Purity: ≥ 95%

100 mg	$226
500 mg	$884

2-[1,4,7,10-Tetraazacyclododecane]-pentanedioic acid

Butyne-DOTA B-286

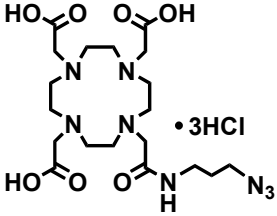


Formula: $C_{20}H_{33}N_5O_7 \cdot 2TFA$
FW: 683.6
CAS Number: 2125661-62-1
HPLC Purity: ≥ 95%

100 mg	$341
500 mg	$1,323

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

Azido-mono-amide-DOTA B-288

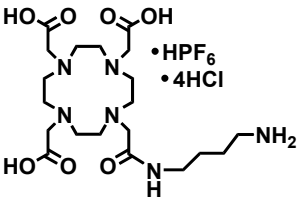


Formula: $C_{19}H_{34}N_8O_7 \cdot 3HCl$
FW: 595.9
CAS Number: 1227407-76-2
HPLC Purity: ≥ 95%

100 mg	$325
500 mg	$1,294
1 g	$2,352

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

4-Aminobutyl-DOTA — B-289

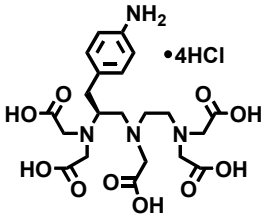


Formula: $C_{20}H_{38}N_6O_7 \cdot HPF_6 \cdot 4HCl$
FW: 766.4
CAS Number: 753421-63-5
HPLC Purity: ≥ 95%

100 mg	$359
500 mg	$1,393

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

p-NH_2-Bn-DTPA — B-300

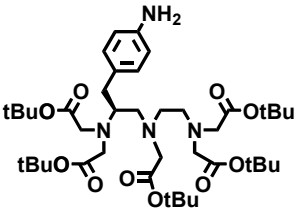


Formula: $C_{21}H_{30}N_4O_{10} \cdot 4HCl$
FW: 644.3
CAS Number: 102650-29-3
HPLC Purity: ≥ 95%

100 mg	$181
500 mg	$779

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

p-NH_2-Bn-DTPA-penta(t-Bu ester) — B-301

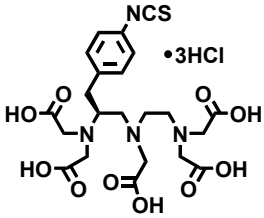


Formula: $C_{41}H_{70}N_4O_{10}$
FW: 779.0
CAS Number: 205956-41-0
HPLC Purity: ≥ 95%

500 mg	$767
1 g	$1,533

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

p-SCN-Bn-DTPA — B-305

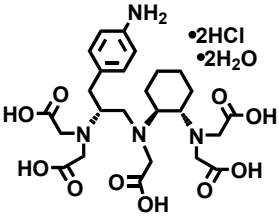


Formula: $C_{22}H_{28}N_4O_{10}S \cdot 3HCl$
FW: 649.9
CAS Number: 102650-30-6
HPLC Purity: ≥ 95%

100 mg	$223
500 mg	$978

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

p-NH_2-Bn-CHX-A"-DTPA — B-351

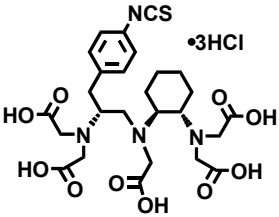


Formula: $C_{25}H_{36}N_4O_{10}\cdot 2HCl\cdot 2H_2O$
FW: 661.5
CAS Number: 1105741-38-5
HPLC Purity: ≥ 95%

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

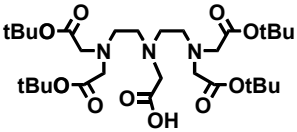


Formula: $C_{26}H_{34}N_4O_{10}S\cdot 3HCl$
FW: 704.0
CAS Number: 157380-45-5
HPLC Purity: ≥ 95%

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

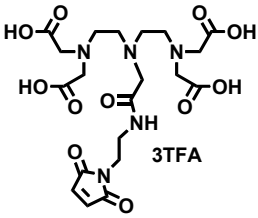


Formula: $C_{30}H_{55}N_3O_{10}$
FW: 617.8
CAS Number: 174267-71-1
HPLC Purity: ≥ 95%

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

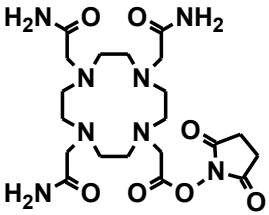


Formula: $C_{20}H_{29}N_5O_{11}\cdot 3TFA$
FW: 857.5
CAS Number: 2032239-75-9
HPLC Purity: ≥ 95%

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

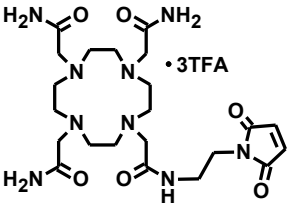


Formula: $C_{20}H_{34}N_8O_7$
FW: 498.5
CAS Number: 2236057-47-7
HPLC Purity: ≥ 95%

50 mg	$323
100 mg	$536

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

DOTAM-maleimide B-382

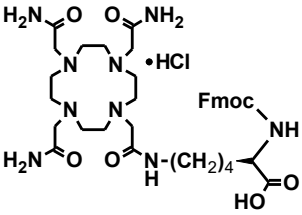


Formula: $C_{22}H_{37}N_9O_6 \cdot 3TFA$
FW: 865.7
CAS Number: N/A
HPLC Purity: ≥ 95%

50 mg	$382
100 mg	$610
500 mg	$2,207

1,4,7,10-Tetraazacyclododecane-1,4,7-tris(carbamoylmethyl)-10-maleimidoethylacetamide

Fmoc-L-Lys-DOTAM B-385

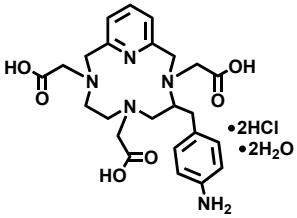


Formula: $C_{37}H_{53}N_9O_8{\cdot}HCl$
FW: 788.3
CAS Number: N/A
HPLC Purity: ≥ 95%

100 mg	$244
500 mg	$745
1 g	$1,223

1,4,7-Tris(acetamido)-10-(N-α-Fmoc-L-Lysine-acetamido)-1,4,7,10-tetraazacyclododecane

p-NH_2-Bn-PCTA B-401

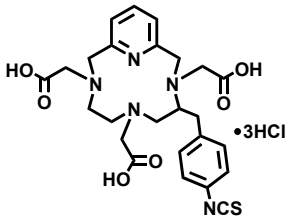


Formula: $C_{24}H_{31}N_5O_6{\cdot}2HCl{\cdot}2H_2O$
FW: 594.5
CAS Number: 2125661-64-3
HPLC Purity: ≥ 95%

50 mg	$434
100 mg	$630

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

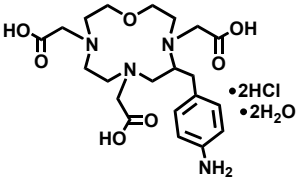


Formula: $C_{25}H_{29}N_5O_6S{\cdot}3HCl$
FW: 637.0
CAS Number: 949147-44-8
HPLC Purity: ≥ 95%

50 mg	$531
100 mg	$718

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_2-Bn-oxo-DO3A — B-501

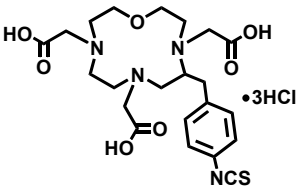


Formula: $C_{21}H_{32}N_4O_7{\cdot}2HCl{\cdot}2H_2O$
FW: 561.5
CAS Number: 2125661-90-5
HPLC Purity: ≥ 95%

50 mg	$434
100 mg	$630

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

p-SCN-Bn-oxo-DO3A — B-505

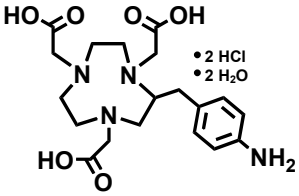


Formula: $C_{22}H_{30}N_4O_7S{\cdot}3HCl$
FW: 603.9
CAS Number: 1370442-99-1
HPLC Purity: ≥ 95%

50 mg	$517
100 mg	$699

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

p-NH_2-Bn-NOTA — B-601

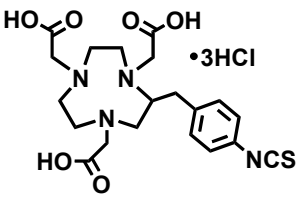


Formula: $C_{19}H_{28}N_4O_6{\cdot}2HCl{\cdot}2H_2O$
FW: 517.4
CAS Number: 142131-37-1
HPLC Purity: ≥ 95%

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

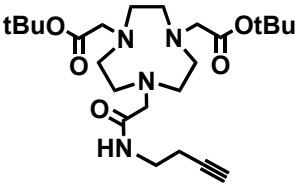


Formula: $C_{20}H_{26}N_4O_6S{\cdot}3HCl$
FW: 559.9
CAS Number: 147597-66-8
HPLC Purity: ≥ 95%

50 mg	$403
100 mg	$606

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

NO2A-Butyne-(t-Bu ester) B-616

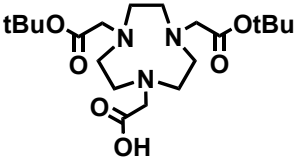


Formula: $C_{24}H_{42}N_4O_5$
FW: 466.6
CAS Number: 2125661-91-6
HPLC Purity: ≥ 95%

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

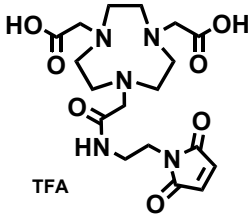


Formula: $C_{20}H_{37}N_3O_6$
FW: 415.5
CAS Number: 1161415-28-6
HPLC Purity: ≥ 95%

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

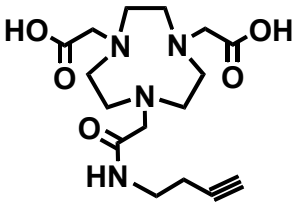


Formula: $C_{18}H_{27}N_5O_7{\cdot}TFA$
FW: 539.5
CAS Number: 1295584-83-6
HPLC Purity: ≥ 95%

100 mg	$296
500 mg	$863

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

NO2A-Butyne B-626

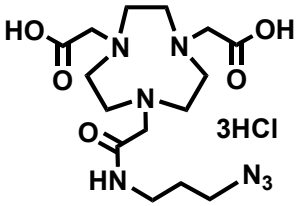


Formula: $C_{16}H_{26}N_4O_5$
FW: 354.4
CAS Number: 2089035-56-1
HPLC Purity: ≥ 95%

100 mg	$1,323
500 mg	$4,627

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

NO2A-Azide B-628

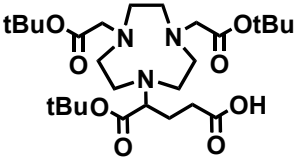


Formula: $C_{15}H_{27}N_7O_5 \cdot 3HCl$
FW: 494.8
CAS Number: 2125661-92-7
HPLC Purity: ≥ 95%

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

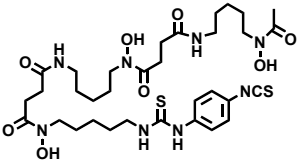


Formula: $C_{27}H_{49}N_3O_8$
FW: 543.7
CAS Number: 438553-50-3
HPLC Purity: ≥ 95%

100 mg	$284
500 mg	$1,061
1 g	$1,733

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

p-SCN-Bn-Deferoxamine B-705

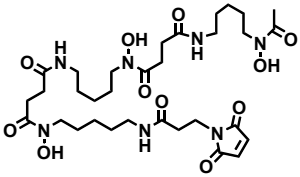


Formula: $C_{33}H_{52}N_8O_8S_2$
FW: 752.9
CAS Number: 1222468-90-7
HPLC Purity: ≥ 95%

50 mg	$246
100 mg	$389
500 mg	$1,342

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

Deferoxamine-maleimide B-772

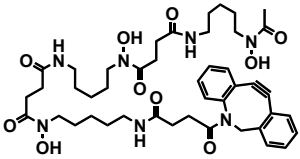


Formula: $C_{32}H_{53}N_7O_{11}$
FW: 711.8
CAS Number: 1638156-31-6
HPLC Purity: ≥ 95%

50 mg	$256
100 mg	$404
500mg	$1,390

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

Deferoxamine-DBCO B-773

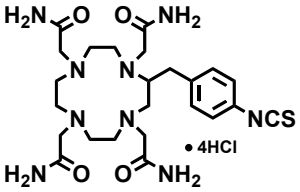


Formula: $C_{44}H_{61}N_7O_{10}$
FW: 848.0
CAS Number: 2359695-48-8
HPLC Purity: ≥ 95%

50 mg	$449
100 mg	$609

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

p-SCN-Bn-TCMC B-1005

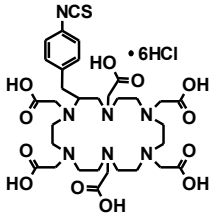


Formula: $C_{24}H_{37}N_9O_4S{\cdot}4HCl$
FW: 693.5
CAS Number: 282097-63-6
HPLC Purity: ≥ 95%

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



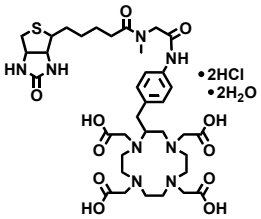
Formula: $C_{32}H_{47}N_7O_{12}S{\cdot}6HCl$
FW: 972.6
CAS Number: 138379-40-5
HPLC Purity: ≥ 95%

50 mg	$160
100 mg	$290

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

Conjugates

DOTA-Biotin-Sarcosine C-100

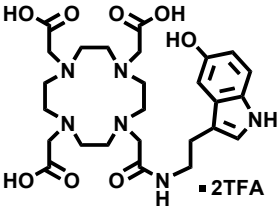


Formula: $C_{36}H_{54}N_8O_{11}S \cdot 2HCl \cdot 2H_2O$
FW: 915.9
CAS Number: 180978-54-5
HPLC Purity: ≥ 95%

20 mg	$474
50 mg	$992
100 mg	$1,931

(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

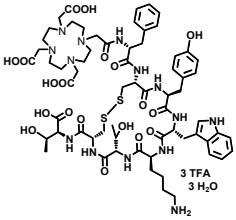


Formula: $C_{26}H_{38}N_6O_8 \cdot 2TFA$
FW: 790.7
CAS Number: 2125661-93-8
HPLC Purity: ≥ 95%

100 mg	$469
500 mg	$1,883

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

DOTATATE C-220



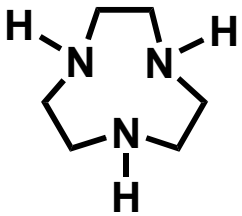
Formula: $C_{65}H_{90}N_{14}O_{19}S_2 \cdot 3TFA \cdot 3H_2O$
FW: 1831.7
CAS Number: 177943-89-4
HPLC Purity: ≥ 95%

1 mg	$357
5 mg	$1,274

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

Macrocyclic Ligands

TACN — M-090

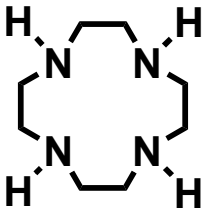


1,4,7-Triazacyclononane

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

1 g	$147
5 g	$671

Cyclen — M-100

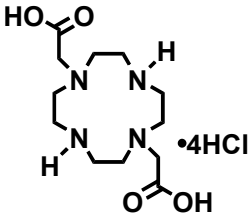


1,4,7,10-Tetraazacyclododecane

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

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

DO2A — M-125

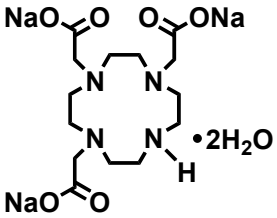


1,4,7,10-Tetraazacyclododecane-1,7-diacetic acid

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

500 mg	$553
1 g	$1,000

DO3A — M-135

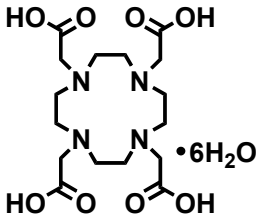


Formula: $C_{14}H_{23}N_4O_6Na_3 \cdot 2H_2O$
FW: 448.4
CAS Number: 217973-03-0
HPLC Purity: ≥ 95%

500 mg	$427
1 g	$744

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

DOTA — M-140

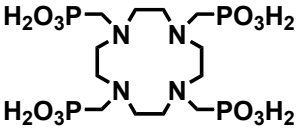


Formula: $C_{16}H_{28}N_4O_8 \cdot 6H_2O$
FW: 512.5
CAS Number: 60239-18-1
HPLC Purity: ≥ 95%

1 g	$100
5 g	$422
25 g	$1,746

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

DOTP — M-150

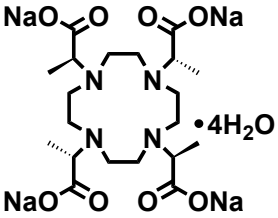


Formula: $C_{12}H_{32}N_4O_{12}P_4$
FW: 548.3
CAS Number: 91987-74-5
NMR Purity: ≥ 95%

1 g	$100
5 g	$320
10 g	$593

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

DOTMA — M-160

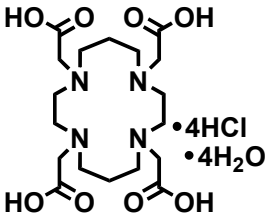


Formula: $C_{20}H_{32}N_4O_8Na_4 \cdot 4H_2O$
FW: 620.5
CAS Number: 148408-89-3
HPLC Purity: ≥ 95%

100 mg	$194
500 mg	$604
1 g	$1,079

(1R, 4R, 7R, 10R)-α, α', α", α'"-Tetramethyl-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid tetrasodium salt

TETA — M-170

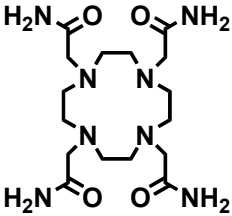


Formula: $C_{18}H_{32}N_4O_8 \cdot 4HCl \cdot 4H_2O$
FW: 650.4
CAS Number: 314041-07-1
HPLC Purity: ≥ 95%

500 mg	$565
1 g	$1,029
5 g	$4,295

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

DOTAM — M-180

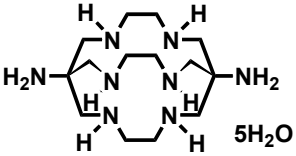


Formula: $C_{16}H_{32}N_8O_4$
FW: 400.5
CAS Number: 157599-02-5
HPLC Purity: ≥ 95%

500 mg	$62
1 g	$114
5 g	$528

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

DiAmSar — M-190

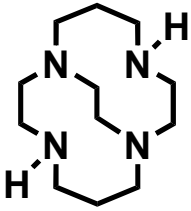


Formula: $C_{14}H_{34}N_8 \cdot 5H_2O$
FW: 404.6
CAS Number: 91002-72-1
Crystalline

100 mg	$351
500 mg	$1,155

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

CB-Cyclam — M-200

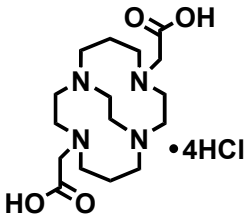


Formula: $C_{12}H_{26}N_4$
FW: 226.4
CAS Number: 130701-19-8
HPLC Purity: N/A

500 mg	$492
1 g	$764

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

CB-TE2A — M-220

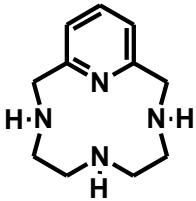


Formula: $C_{16}H_{30}N_4O_4 \cdot 4HCl$
FW: 448.3
CAS Number: 313229-90-2
HPLC Purity: ≥ 95%

100 mg	$131
500 mg	$518

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

Pyclen — M-300

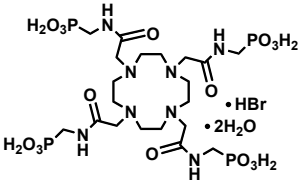


Formula: $C_{11}H_{18}N_4$
FW: 206.3
CAS Number: 78668-34-5
HPLC Purity: ≥ 95%

500 mg	$540
1g	$1,027

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

DOTA-4AMP — M-400

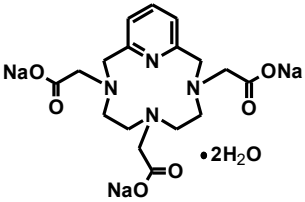


Formula: $C_{20}H_{44}N_8O_{16}P_4 \cdot HBr \cdot 2H_2O$
FW: 893.4
CAS Number: 254444-71-8
HPLC Purity: ≥ 95%

100 mg	$422
500 mg	$1,088

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

PCTA — M-430

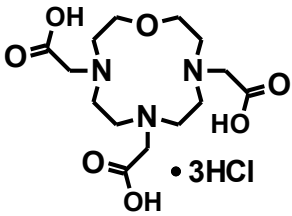


Formula: $C_{17}H_{21}N_4O_6Na_3 \cdot 2H_2O$
FW: 482.4
CAS Number: 129162-88-5
HPLC Purity: ≥ 95%

100 mg	$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

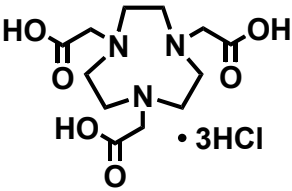


Formula: $C_{14}H_{25}N_3O_7 \cdot 3HCl$
FW: 456.7
CAS Number: 112193-74-5
HPLC Purity: ≥ 95%

100 mg	$327
500 mg	$1,072

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

NOTA — M-600

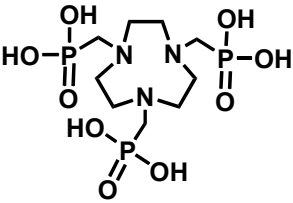


Formula: $C_{12}H_{21}N_3O_6 \cdot 3HCl$
FW: 412.7
CAS Number: 56491-86-2
HPLC Purity: ≥ 95%

500 mg	$357
1 g	$515

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

NOTP — M-650

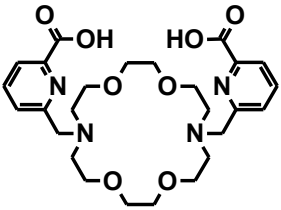


Formula: $C_9H_{24}N_3O_9P$
FW: 411.2
CAS Number: 83834-39-3
HPLC Purity: ≥ 95%

1 g	$229
5g	$972

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

H_2Macropa — M-1400

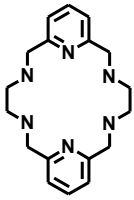


Formula: $C_{26}H_{36}N_4O_8$
FW: 532.6
CAS Number: 1128304-86-8
HPLC Purity: ≥ 95%

100 mg	$290
500 mg	$1,012

6,6'-((1,4,10,13-tetraoxa-7,16- diazacyclooctadecane-7,16-diyl)bis(methylene))dipicolinic acid

PYAN M-1800

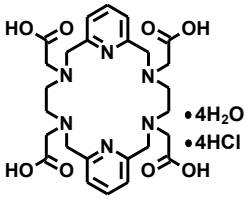


Formula: $C_{18}H_{26}N_6$
FW: 326.4
CAS Number: 127503-07-5
HPLC Purity: ≥ 95%

500 mg	$505
1 g	$852

3,6,14,17,23,24-Hexaazatricyclo[17.3.117,11]tetracosa-1(23),8,10,12(24),19,21-hexaene

PYTA M-1840

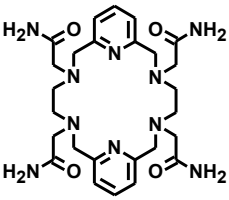


Formula: $C_{26}H_{34}N_6O_8 \cdot 4HCl \cdot 4H_2O$
FW: 775.2
CAS Number: 132709-65-0
HPLC Purity: ≥ 95%

100 mg	$360
500 mg	$900

3,6,14,17,23,24-Hexaazatricyclo[17.3.1.18,12]tetracosa-1(23),8,10,12(24),19,21-hexaene-3,6,14,17-tetraacetic acid

PYTAM M-1880



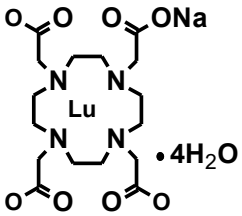
Formula: $C_{26}H_{38}N_{10}O_4$
FW: 554.7
CAS Number: 2581886-46-4
HPLC Purity: ≥ 95%

100 mg	$389
500 mg	$972

3,6,14,17,23,24-Hexaazatricyclo[17.3.1.18,12]tetracosa-1(23),8,10,12(24),19,21-hexaene-3,6,14,17-tetraacetamide

Magnetic Resonance Reagents

Lu-DOTA M-144

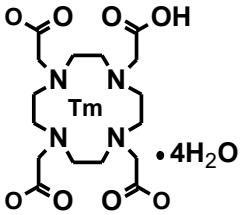


Formula: $LuC_{16}H_{24}N_4O_8Na \cdot 4H_2O$
FW: 670.4
CAS Number: N/A
HPLC Purity: ≥ 95%

100 mg	$231
500 mg	$924

Lutetium (III) 1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetraacetic acid

Tm-DOTA M-145

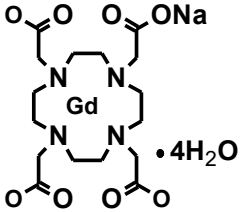


Formula: $TmC_{16}H_{25}N_4O_8 \cdot 4H_2O$
FW: 642.4
CAS Number: 78063-83-9
HPLC Purity: ≥ 95%

500 mg	$252
1 g	$462

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

Gd-DOTA M-147

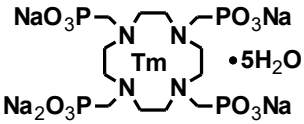


Formula: $GdC_{16}H_{24}N_4O_8Na \cdot 4H_2O$
FW: 652.7
CAS Number: 72573-82-1
HPLC Purity: ≥ 95%

500 mg	$226
1 g	$396

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

Tm-DOTP — M-155

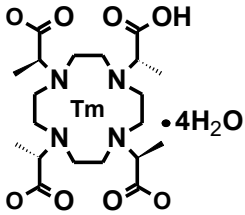


Formula: $TmC_{12}H_{24}N_4O_{12}P_4Na_5 \cdot 5H_2O$
FW: 914.2
CAS Number: 30859-88-8
HPLC Purity: N/A

1 g	$180
10 g	$1,469
100 g	$13,582

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

Tm-DOTMA — M-165

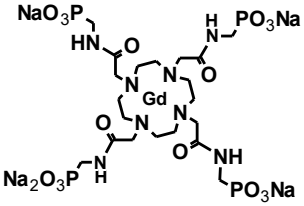


Formula: $TmC_{20}H_{33}N_4O_8 \cdot 4H_2O$
FW: 698.5
CAS Number: 2126179-30-2
HPLC Purity: ≥ 95%

500 mg	$938
1 g	$1,461

Thulium (III) (1R, 4R, 7R, 10R)-α, α', α", α'"-Tetramethyl-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid

Gd-DOTA-4AmP — M-407

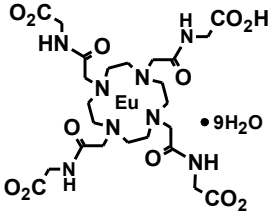


Formula: $GdC_{20}H_{36}N_8O_{16}P_4Na_5$
FW: 1040.6
CAS Number: 752981-95-6
HPLC Purity: ≥ 95%

50mg	$357
100 mg	$536

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

Eu-DOTA-4AmC — M-503

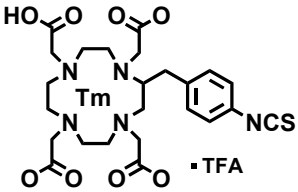


Formula: $EuC_{24}H_{37}N_8O_{12} \cdot 9H_2O$
FW: 943.7
CAS Number: 481668-57-9
HPLC Purity: ≥ 95%

50 mg	$183
100 mg	$324
500 mg	$744

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

Tm-p-SCN-Bn-DOTA — X-205

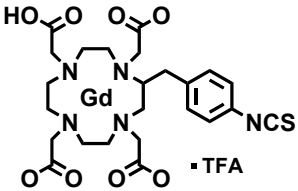


Formula: $TmC_{24}H_{30}N_5O_8 \cdot TFA$
FW: 831.6
CAS Number: 2126179-32-4
HPLC Purity: ≥ 95%

50 mg	$801
100 mg	$1,363

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

Gd-p-SCN-Bn-DOTA — X-207

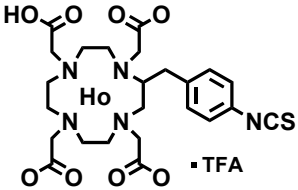


Formula: $GdC_{24}H_{30}N_5O_8 \cdot TFA$
FW: 819.9
CAS Number: 2126179-26-6
HPLC Purity: ≥ 95%

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

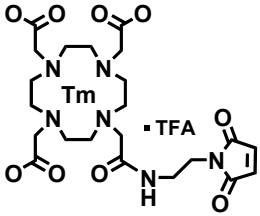


Formula: $H_0C_{24}H_{30}N_5O_8 \cdot TFA$
FW: 827.5
CAS Number: 2126179-28-8
HPLC Purity: ≥ 95%

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

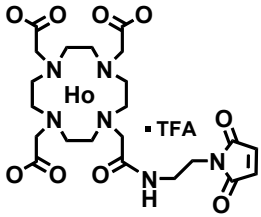


Formula: $TmC_{22}H_{31}N_6O_9 \cdot TFA$
FW: 806.5
CAS Number: 1552305-24-4
HPLC Purity: ≥ 95%

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

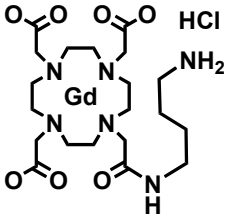


Formula: $HoC_{22}H_{31}N_6O_9 \cdot TFA$
FW: 802.5
CAS Number: 1349103-97-4
HPLC Purity: ≥ 95%

50 mg	$530
100 mg	$920

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

Gd-DO3A-Butylamine X-287



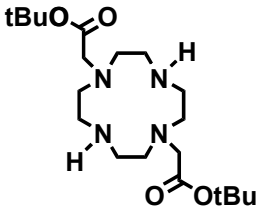
Formula: $GdC_{20}H_{35}N_6O_7 \cdot HCl$
FW: 665.2
CAS Number: 782423-00-1
HPLC Purity: ≥ 95%

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-(t-Bu ester) M-120

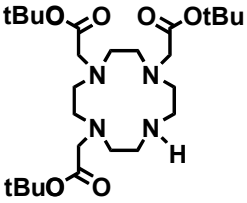


Formula: $C_{20}H_{40}N_4O_4$
FW: 400.6
CAS Number: 162148-48-3
HPLC Purity: ≥ 95%

500 mg	$197
1 g	$301
5 g	$1,259

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

DO3A-(t-Bu ester) M-130

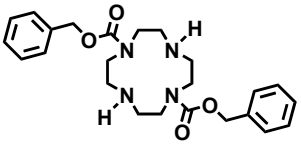


Formula: $C_{26}H_{50}N_4O_6$
FW: 514.7
CAS Number: 122555-91-3
HPLC Purity: ≥ 95%

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

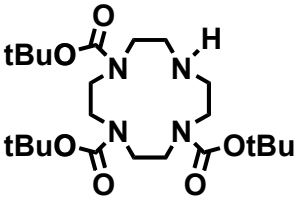


Formula: $C_{24}H_{32}N_4O_4$
FW: 440.5
CAS Number: 162148-45-0
HPLC Purity: ≥ 95%

1 g	$351
5 g	$1,393

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

Tris-BOC-Cyclen — I-131

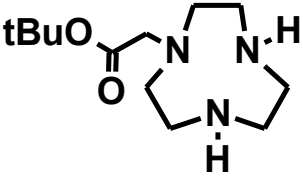


Formula: $C_{24}H_{44}N_4O_6$
FW: 472.6
CAS Number: 175854-39-4
HPLC Purity: ≥ 95%

1 g	$195
5 g	$872

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

NO1A-(t-Bu ester) — I-613

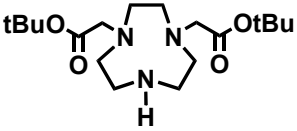


Formula: $C_{12}H_{25}N_3O_2$
FW: 243.4
CAS Number: 174137-99-6
HPLC Purity: ≥ 95%

500 mg	$613
1 g	$1,126

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

NO2A-(t-Bu ester) — I-623



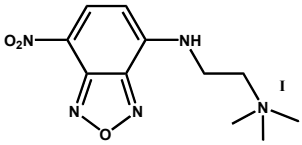
Formula: $C_{18}H_{35}N_3O_4$
FW: 357.5
CAS Number: 174137-97-4
HPLC Purity: ≥ 95%

500 mg	$582
1 g	$976

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

Fluorescent Probes

EAM-1 D-100

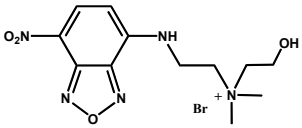


Formula: $C_{11}H_{16}N_5O_3I$
FW: 393.2
CAS Number: 287970-46-1
HPLC Purity: ≥ 95%

10 mg $385

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
HPLC Purity: ≥ 95%

10 mg $385

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

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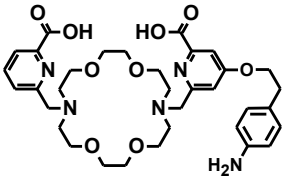
Macropa™ for Ac-225

p-NH_2-Macropa R-1400

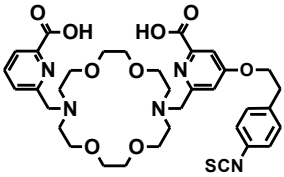


Formula: $C_{35}H_{45}N_5O_9$
FW: 667.8
CAS Number: 2417821-29-3
HPLC Purity: ≥ 95%

10 mg	$980
50 mg†	$1,154
100 mg†	$1,731

6-((16-((6-carboxypyridin-2-yl)methyl)-1,4,10,13-tetraoxa-7,16-diazacyclooctadecan-7-yl)methyl)-4-[2-(4-aminophenyl)ethoxy]picolinic acid

p-SCN-Macropa R-1405



Formula: $C_{35}H_{43}N_5O_9S$
FW: 709.8
CAS Number: 2417821-30-6
HPLC Purity: ≥ 95%

10 mg	$980
50 mg†	$1,154
100 mg†	$1,731

6-((16-((6-carboxypyridin-2-yl)methyl)-1,4,10,13-tetraoxa-7,16-diazacyclooctadecan-7-yl)methyl)-4-(4-isothiocyanatophenethoxy)picolinic acid

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