

# CATALOG

# 2023/2024

**PSEUDOPROLINE BUILDING BLOCKS**

**AMINO ACID DERIVATIVES**

**FMOC-DIPEPTIDES**

**CUSTOM MANUFACTURING**

## Table of Contents

About PeptART .....	2
Supply of Research Grade Materials .....	3
Supply of API Starting Materials .....	3
Pseudoproline Price List (Oxazolidine Building Blocks) .....	4
Pseudoproline Price List (Thiazolidine Building Blocks).....	5
Dimethyl-Thiazolidine Building Blocks Fmoc-Aaa-Cys(Psi(Me,Me)pro)-OH .....	5
2,4-Dimethoxyphenyl-Thiazolidine Building Blocks Fmoc-Aaa-Cys(Psi(Dmp,H)pro)-OH.....	5
Fmoc-Dipeptide Price List .....	6
Amino Acid Derivative Price List.....	6
General Terms and Conditions of Sale and Delivery for PeptART Bioscience GmbH.....	14



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PeptART – your Swiss pARTner in Peptide Chemistry

## About PeptART

PeptART Bioscience GmbH is a Swiss chemical manufacturing company located near Basel. Since 2008 our group has been manufacturing high quality products, on schedule, meeting industry standards in quality, occupational and environmental safety. The product range includes pseudoproline building blocks, amino acid derivatives, peptides and related products from the field of peptide chemistry. We sell our products around the world.

We are experts in the field of peptide synthesis and their derivatives. We focus on delivering highest quality at a competitive price. Our fully equipped production facility provides the infrastructure to handle the entire manufacturing process of amino acid derivatives and peptides including the potential for future growth and development. As a small company, we make sure that our production process is efficient with short turnaround times.

Since 2015 we operate under the name PeptART Bioscience GmbH. We comply with ISO 9001:2015 and have our facility regularly inspected and approved by the Swiss association for Quality and Management Systems (SQS) and various Peptide API manufacturers, qualifying us as a supplier of API starting materials.

## Supply of Research Grade Materials

Prices in this catalog apply to Research Grade Material.

All products are available in the listed amounts as well as customized packaging upon request.

Smaller quantities are available at prices pro rata plus a small quantity surcharge. Larger amounts are available at discounted bulk prices.

Please inquire.

## Supply of API Starting Materials

Most products are also available as **API Starting Materials up to several tens of kg**.

This service is available not only for Pseudoprolines, but for all our products including custom synthesis.

PeptART Service for Supply of **API Starting Materials** includes:

- Excellent chemical purity (most HPLC > 99.5%)
- Customer specific specifications upon request
- Free from AcOH (no acetic acid nor related esters used in process)
- Full traceability (materials and operations)
- Non animal / non human / no GMO source raw materials - BSE/TSE/GMO certificate
- Validated analytical methods
- Detailed Certificate of Analysis (COA) providing specifications, test limits and results, and retest date
- Change Control and Deviation management

A Quality Agreement with our customers allows us to make precise arrangements to meet your company-specific requirements in order to tailor our products and documentation to your particular needs.

Different prices are applied to API Starting Materials than listed in this catalog.

Please contact us.

## Pseudoproline Price List (Oxazolidine Building Blocks)

PeptART offers 34 different Oxazolidine Pseudoproline Building Blocks that can be ordered in the listed units as well as in customized quantities and bulk quantities up to several tens of kg. Prices are ex works.

Product name	Prod. Code	CASRN	€/1g	€/5g	€/10g	€/25g	€/100g
Fmoc-Ala-Ser(Psi(Me,Me)pro)-OH	1798-00	252554-78-2		160	265	495	1655
Fmoc-Ala-Thr(Psi(Me,Me)pro)-OH	1854-00	252554-79-3		160	265	495	1655
Fmoc-Arg(Pbf)-Ser(Psi(Me,Me)pro)-OH	2536-00	2108145-17-9	300	1300	2400	6000	
Fmoc-Arg(Pbf)-Thr(Psi(Me,Me)pro)-OH	2561-00	N/A	200	800	1600	4000	
Fmoc-Asn(Trt)-Ser(Psi(Me,Me)pro)-OH	1464-00	920519-33-1		180	305	555	1845
Fmoc-Asn(Trt)-Thr(Psi(Me,Me)pro)-OH	1627-00	957780-59-5		180	305	555	1845
Fmoc-Asp(OtBu)-Ser(Psi(Me,Me)pro)-OH	1132-00	955048-92-7		180	305	555	1845
Fmoc-Asp(OtBu)-Thr(Psi(Me,Me)pro)-OH	1870-00	920519-32-0		180	305	555	1845
Fmoc-Gln(Trt)-Ser(Psi(Me,Me)pro)-OH	1485-00	1821378-64-6		180	305	555	1845
Fmoc-Gln(Trt)-Thr(Psi(Me,Me)pro)-OH	1721-00	1572725-72-4		180	305	555	1845
Fmoc-Glu(OtBu)-Ser(Psi(Me,Me)pro)-OH	1885-00	909115-33-9		180	305	555	1845
Fmoc-Glu(OtBu)-Thr(Psi(Me,Me)pro)-OH	1632-00	957780-56-2		180	305	555	1845
Fmoc-Gly-Ser(Psi(Me,Me)pro)-OH	1770-00	1095952-22-9		160	265	495	1655
Fmoc-Gly-Thr(Psi(Me,Me)pro)-OH	1488-00	1262308-49-5		160	265	495	1655
Fmoc-Ile-Ser(Psi(Me,Me)pro)-OH	1516-00	1147996-34-6		160	265	495	1655
Fmoc-Ile-Thr(Psi(Me,Me)pro)-OH	1585-00	957780-52-8		160	265	495	1655
Fmoc-Leu-Ser(Psi(Me,Me)pro)-OH	1851-00	339531-50-9		160	265	495	1655
Fmoc-Leu-Thr(Psi(Me,Me)pro)-OH	1878-00	955048-89-2		160	265	495	1655
Fmoc-Lys(Boc)-Ser(Psi(Me,Me)pro)-OH	1693-00	957780-54-0		180	305	555	1845
Fmoc-Lys(Boc)-Thr(Psi(Me,Me)pro)-OH	1913-00	911838-56-7		180	305	555	1845
Fmoc-Met-Ser(Psi(Me,Me)pro)-OH	2617-00	N/A	200	800	1600	4000	
Fmoc-Met-Thr(Psi(Me,Me)pro)-OH	2605-00	1451181-13-7	110	435	800	1800	
Fmoc-Phe-Ser(Psi(Me,Me)pro)-OH	1935-00	878797-01-4		160	265	495	1655
Fmoc-Phe-Thr(Psi(Me,Me)pro)-OH	1678-00	1196703-48-6		160	265	495	1655
Fmoc-Ser(tBu)-Ser(Psi(Me,Me)pro)-OH	1128-00	1000164-43-1		180	305	555	1865
Fmoc-Ser(tBu)-Thr(Psi(Me,Me)pro)-OH	1845-00	1266350-99-5		180	305	555	1865
Fmoc-Thr(tBu)-Ser(Psi(Me,Me)pro)-OH	2366-00	1425938-63-1		215	340	640	2080
Fmoc-Thr(tBu)-Thr(Psi(Me,Me)pro)-OH	2363-00	1676104-73-6		215	340	640	2080
Fmoc-Trp(Boc)-Ser(Psi(Me,Me)pro)-OH	1936-00	908601-15-0		225	375	715	2220
Fmoc-Trp(Boc)-Thr(Psi(Me,Me)pro)-OH	1937-00	936707-21-0		225	375	715	2220
Fmoc-Tyr(tBu)-Ser(Psi(Me,Me)pro)-OH	1938-00	878797-09-2		180	305	555	1845
Fmoc-Tyr(tBu)-Thr(Psi(Me,Me)pro)-OH	1630-00	920519-31-9		180	305	555	1845
Fmoc-Val-Ser(Psi(Me,Me)pro)-OH	1133-00	186023-49-4		160	265	495	1655
Fmoc-Val-Thr(Psi(Me,Me)pro)-OH	1515-00	168216-05-5		160	265	495	1655

Various diastereomers of the listed products are available upon request.

## Pseudoproline Price List (Thiazolidine Building Blocks)

PeptART offers various Thiazolidine Pseudoproline Building Blocks. The range of products is continuously enlarged. Prices are ex works.

### Dimethyl-Thiazolidine Building Blocks Fmoc-Aaa-Cys(Psi(Me,Me)pro)-OH

Product name	Prod. Code	CASRN	€/250mg	€/1g
Fmoc-Ala-Cys(Psi(Me,Me)pro)-OH	2317-00	158531-43-2	175	515
Fmoc-Asp(OtBu)-Cys(Psi(Me,Me)pro)-OH	2330-00	1926163-09-8	175	515
Fmoc-Lys(Boc)-Cys(Psi(Me,Me)pro)-OH	2329-00	2022956-38-1	175	515
Fmoc-Ser(tBu)-Cys(Psi(Me,Me)pro)-OH	2307-00	183958-93-2	175	515

Dipeptide building blocks containing Cys(Psi(Me,Me)pro) are versatile tools for structure disruption, avoid aggregation and increase yield during peptide synthesis. Ring opening with 10% TFMSA/TFA.

Further derivatives upon request.

### 2,4-Dimethoxyphenyl-Thiazolidine Building Blocks Fmoc-Aaa-Cys(Psi(Dmp,H)pro)-OH

Product name	Prod. Code	CASRN	€/1g	€/5g	€/10g
Fmoc-Ala-Cys(Psi(Dmp,H)pro)-OH	2324-00	2022956-37-0	115	400	800
Fmoc-Asp(OtBu)-Cys(Psi(Dmp,H)pro)-OH	2490-00	1359754-16-7	210	725	1450
Fmoc-Cys(Trt)-Cys(Psi(Dmp,H)pro)-OH	2379-00	2022956-75-6	210	725	1450
Fmoc-Glu(OtBu)-Cys(Psi(Dmp,H)pro)-OH	2494-00	N/A	210	725	1450
Fmoc-Gly-Cys(Psi(Dmp,H)pro)-OH	2381-00	1926163-05-4	115	400	800
Fmoc-Leu-Cys(Psi(Dmp,H)pro)-OH	2325-00	1926163-06-5	115	400	800
Fmoc-Lys(Boc)-Cys(Psi(Dmp,H)pro)-OH	2327-00	1926163-07-6	115	400	800
Fmoc-Tyr(tBu)-Cys(Psi(Dmp,H)pro)-OH	2470-00	N/A	210	725	1450
Fmoc-Val-Cys(Psi(Dmp,H)pro)-OH	2326-00	1926163-08-7	115	400	800

Dipeptide building blocks containing Cys(Psi(Dmp,H)pro) are compatible with standard Fmoc/tBu protocols and can be cleaved with 80% TFA in DCM.

Further derivatives upon request.

## Fmoc-Dipeptide Price List

PeptART offers various Fmoc-Dipeptides, Isoacyl Dipeptides and Fmoc-Dipeptides with Dmb backbone protection. The range of products is continuously enlarged. Prices are ex works.

Product name	Prod. Code	CASRN	€/5g	€/25g	€/100g
<b>Fmoc-Dipeptides</b>					
Fmoc-Ala-Ala-OH	1740-00	87512-31-0	475	2015	
Fmoc-Ala-Gly-OH	2337-00	116747-54-7	315	1260	3780
Fmoc-Ala-Pro-OH	2281-00	186023-44-9	315	1260	3780
Fmoc-Arg(Pbf)-Gly-OH	2442-00	660846-80-0	390	1555	4680
Fmoc-Asn(Trt)-Gly-OH	2392-00	1260093-07-9	430	1720	5165
Fmoc-Gly-Gly-OH	1725-00	35665-38-4	210	840	2625
Fmoc-Gly-Pro-OH	2358-00	212651-48-4	315	1260	3780
Fmoc-Ile-Gly-OH	2283-00	142810-18-2	355	1435	4300
Fmoc-Ile-Pro-OH	2149-00	109425-47-0	355	1435	4300
Fmoc-His(Trt)-Pro-OH	2473-00	2244048-25-5	420	1680	5040
Fmoc-Leu-Gly-OH	2393-00	82007-05-4	355	1435	4300
Fmoc-Leu-Pro-OH	2305-00	130832-25-6	355	1435	4300
Fmoc-Lys(Boc)-Gly-OH	2443-00	239798-78-8	355	1435	4300
Fmoc-Lys(Boc)-Pro-OH	2394-00	130445-10-2		1545	4630
Fmoc-Met-Gly-OH	2444-00	77275-43-5	430	1720	5165
Fmoc-Phe-Gly-OH	2240-00	169624-67-3	315	1260	3780
Fmoc-Phe-Pro-OH	2395-00	138372-76-6		1435	4300
Fmoc-Pro-D-Ala-OH	2606-00	N/A	400	1800	5200
Fmoc-Pro-Gly-OH	2205-00	250695-65-9	315	1260	3780
Fmoc-Pro-Pro-OH	1836-00	129223-22-9	355	1435	4300
Fmoc-Ser(tBu)-Gly-OH	2387-00	81672-17-5	390	1545	4630
Fmoc-Ser(tBu)-Pro-OH	2282-00	143038-46-4		1545	4630
Fmoc-Thr(tBu)-Gly-OH	2396-00	1456878-79-7	390	1545	4630
Fmoc-Trp-Pro-OH	2397-00	251316-94-6		1720	5165
Fmoc-Tyr(tBu)-Aib-OH	2584-00	N/A	390	1545	4630
Fmoc-Val-Gly-OH	2295-00	142810-19-3	355	1435	4300
Fmoc-Val-Pro-OH	1985-00	109425-49-2	315	1260	3780

Product name	Prod. Code	CASRN	€/1g	€/5g	€/25g
<b>Isoacyl Dipeptides</b>					
Boc-Thr(Leu-Fmoc)-OH	2572-00	944283-26-5	115	450	1805
<b>Fmoc-Dipeptides with Dmb backbone protection</b>					
Fmoc-Ala-(Dmb)Gly-OH	1777-00	1188402-17-6	170	685	2730
Fmoc-Glu(OtBu)-(Dmb)Gly-OH	2673-00	N/A	170	685	2730
Fmoc-Gly-(Dmb)Gly-OH	1689-00	848861-65-4	170	685	2730
Fmoc-Ile-(Dmb)Gly-OH	2043-00	2095208-17-4	170	685	2730
Fmoc-Leu-(Dmb)Gly-OH	1827-00	1446752-61-9	170	685	2730
Fmoc-Val-(Dmb)Gly-OH	1752-00	1418022-26-0	170	685	2730

Further derivatives upon request.

All prices are subject to change without notice prior to confirmation of an order, but no product will be shipped at increased prices without further notification. All information contained in this list is compiled to the best of our knowledge. Please contact our customer service for orders and if you require other pack sizes.

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## Amino Acid Derivative Price List

PeptART offers various amino acid derivatives for peptide synthesis and related applications. We supply you from a few grams up to several tens of kilograms. Numerous products have been added to this list, still this list only contains a selection of our most popular products manufactured at our facility in Switzerland. Prices are ex works.

Please inquire for other products or other quantities.

Product name	Prod. Code	CASRN	€/1g	€/5g	€/25g	€/100g
<b>Alanine</b>						
Boc-β-cyano-D-Ala-OH	1670-00	184685-17-4	105	335		
Fmoc-Ala-OPfp	1340-00	86060-86-8			265	735
Fmoc-β-Ala-OPfp	2586-00	149303-38-8		125	500	
Fmoc-(Dmb)Ala-OH	2567-00	1425938-66-4	180	755	3025	
Fmoc-Cha-OH	1344-00	135673-97-1		135	440	1260
Fmoc-D-Cha-OH	1345-00	144701-25-7		210	790	
Fmoc-D-2-Nal-OH	2664-00	138774-94-4	110	440		
H-D-Ala-OMe · HCl	2037-00	14316-06-4			210	630
H-N-Me-Ala-OMe · HCl	2158-00	35023-55-3	790	2625		
H-Ala-βNA	2564-00	720-82-1		200		
H-Cha-OMe · HCl	1569-00	17193-39-4		160	630	
<b>γ-Aminobutyric Acid</b>						
Fmoc-γ-Abu-OH	1614-00	116821-47-7		80	265	790
<b>ε-Aminocaproic Acid</b>						
Boc-εAhx-OH	1520-00	6404-29-1			210	630
<b>2-Aminoisobutyric acid</b>						
Fmoc-Aib-OPfp	2521-00	203636-26-4		420	1680	
<b>Arginine</b>						
Benzoyl-Arg-OEt · HCl	2347-00	2645-08-1			85	230
Boc-Arg-OH · HCl · H <sub>2</sub> O	1325-00	35897-34-8				105
Boc-D-Arg-OH · HCl · H <sub>2</sub> O	2377-00	113712-06-4		105	370	1050
Boc-Arg(Pmc)-OH	2580-00	200125-12-8		265	1050	
Boc-Arg(Z)2-OH	1326-00	51219-19-3		115	475	
Fmoc-Arg(Boc)2-OH	1812-00	143824-77-5		525	1890	
Fmoc-Arg(Z)2-OH (asymmetric)	2319-00	1094617-45-4	115	370	1490	
Fmoc-N-Me-Arg(Mtr)-OH	1962-00	214750-72-8	210	840		
Fmoc-N-Me-Arg(Pbf)-OH	2342-00	913733-27-4	420	1575		
H-Arg-OtBu · 2HCl	2159-00	87459-72-1		160	685	2050
H-Arg-pNA · 2HCl	2193-00	40127-11-5		230	810	
H-Arg(Pbf)-OMe · HCl	2062-00	257288-19-0	80	265	1000	
H-Arg(Pmc)-OH	1774-00	112160-37-9		160	945	

## Amino Acid Derivative Price List (continued)

Product name	Prod. Code	CASRN	€/1g	€/5g	€/25g	€/100g
<b>Asparagine</b>						
Fmoc-Asn(Trt)-OPfp	1465-00	132388-64-8			340	955
<b>Aspartic Acid</b>						
Fmoc-Asp-OtBu	1105-00	129460-09-9		95	240	735
Fmoc-Asp(EDANS)-OH	2241-00	182253-73-2	475	1365		
Fmoc-Asp(O-2-PhiPr)-OH	1245-00	200336-86-3	150	610	1755	
Fmoc-D-Asp(OtBu)-OH	2411-00	112883-39-3		100	370	735
Fmoc-Asp(OtBu)-OPfp	1002-00	86061-01-0			285	805
Fmoc-N-Me-Asp(OtBu)-OH	2388-00	152548-66-8	210	685	2415	
<b>Azetidine-2-carboxylic acid</b>						
Fmoc-Aze-OH	2603-00	136552-06-2		300	1150	
<b>Citrulline</b>						
Boc-Cit-OH	2306-00	45234-13-7		105	315	945
Fmoc-D-Cit-OH	2663-00	200344-33-8		400	1990	
<b>Cysteine</b>						
Boc-Cys(Acm)-OH	1021-00	19746-37-3			95	265
Boc-Cys(4-MeOBzl)-OH	2525-00	18942-46-6			80	220
Boc-Cys(NPys)-OH	1825-00	76880-29-0		370	1445	
Boc-Cys(StBu)-OH	1768-00	30044-61-2		150	515	
Boc-Cys(Trt)-OH	1700-00	21947-98-8			105	315
Fmoc-Cys(NPys)-OH	1837-00	159700-51-3		710	2065	
Fmoc-Cys(StBu)-OH	1354-00	73724-43-3			340	1030
Fmoc-D-Cys(StBu)-OH	1834-00	501326-55-2	170	630		
Fmoc-D-Cys(Trt)-OH	1615-00	167015-11-4			230	525
Fmoc-Cys(Trt)-OPfp	1020-00	115520-21-3			340	955
Fmoc-Cys-NH <sub>2</sub>	2257-00	623177-62-8		250	820	
<b><math>\alpha,\gamma</math>-Diaminobutyric Acid</b>						
Boc-Dab(Z)-OH · DCHA	1534-00	16947-89-0			315	945
Fmoc-Dab(Boc)-OH	1769-00	125238-99-5			210	790
Fmoc-Dab(N <sub>3</sub> )-OH	2601-00	942518-20-9		370	1450	
Fmoc-D-Dab(Boc)-OH	2414-00	114360-56-4		330	1260	
Fmoc-Dab(ivDde)-OH	1783-00	607366-21-2	125	525	1890	
<b><math>\alpha,\beta</math>-Diaminopropionic Acid</b>						
Fmoc-Dap(Boc)-OH	1135-00	162558-25-0			580	1890
Fmoc-Dap(ivDde)-OH	1374-00	607366-20-1	150	475	1890	
Fmoc-Dap(N <sub>3</sub> )-OH	2600-00	684270-46-0		370	1450	

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## Amino Acid Derivative Price List (continued)

Product name	Prod. Code	CASRN	€/1g	€/5g	€/25g	€/100g
<b>Glutamic Acid</b>						
Fmoc-Glu(O-2-PhiPr)-OH	1332-00	200616-39-3	135	525	1755	
Fmoc-Glu-O-2-PhiPr	2622-00	207305-97-3	150	590	1975	
Fmoc-Glu(OtBu)-OPfp	1548-00	86061-04-3			285	805
Fmoc-Glu-NH <sub>2</sub>	2318-00	288149-55-3		340	1375	
Fmoc-Glu-OtBu	1104-00	84793-07-7		125	505	1615
Fmoc-N-Me-Glu(OtBu)-OH	1786-00	200616-40-6	210	685	2415	
H-Glu(OMe)-NH <sub>2</sub> · HCl	1606-00	70830-50-1		95	355	1050
H-Glu(OtBu)-NH <sub>2</sub> · HCl	1832-00	108607-02-9		230	810	2205
H-D-Glu(OtBu)-NH <sub>2</sub> · HCl	2145-00	66575-26-6	115	440	1890	
<b>Glutamine</b>						
Fmoc-D-Gln(Trt)-OH	2345-00	200623-62-7			230	650
Fmoc-Gln(Trt)-OPfp	1482-00	132388-65-9			340	955
H-Gln-OMe · HCl	1992-00	32668-14-7		160	685	
H-Gln-OtBu · HCl	1833-00	39741-62-3		135	515	
<b>Glycine</b>						
Fmoc-Gly-OPfp	1504-00	86060-85-7			265	735
Fmoc-(Dmb)Gly-OH	1638-00	166881-42-1		300	1200	
Fmoc-tBu-Gly-OH	1595-00	132684-60-7		370	1470	
Fmoc-D-tBu-Gly-OH	2046-00	198543-64-5	190	685	2050	
Z-tBu-Gly-OH · DCHA	2300-00	62965-37-1		110	400	1435
N,N-Dimethylglycine	2440-00	1118-68-9			265	
<b>Histidine</b>						
Boc-His-OH	1952-00	17791-52-5				265
Boc-His(Boc)-OH · Benzene	1249-01	20866-46-0 net		160	475	
Boc-His(1-Me)-OH Boc-His(τ-Me)-OH	1961-00	61070-20-0	210	840		
Boc-D-His(1-Me)-OH Boc-D-His(τ-Me)-OH	2405-00	200871-52-9	315	1105		
Boc-His(3-Me)-OH Boc-His(π-Me)-OH	1433-00	61070-22-2	355	1050		
Boc-D-His(3-Me)-OH Boc-D-His(π-Me)-OH	2406-00	200871-84-7	370	1260		
Fmoc-His(Boc)-OH	1246-00	81379-52-4			210	790
Fmoc-D-His(Boc)-OH	2479-00	159631-28-4		355	1430	
Fmoc-His(1-Me)-OH Fmoc-His(τ-Me)-OH	2134-00	202920-22-7	315	1105		
Fmoc-D-His(1-Me)-OH Fmoc-D-His(τ-Me)-OH	2416-00	1197025-85-6	420	1260		
Fmoc-His(3-Me)-OH Fmoc-His(π-Me)-OH	2126-00	252049-16-4	250	1050		
Fmoc-D-His(3-Me)-OH Fmoc-D-His(π-Me)-OH	2320-00	2002499-17-2	420	1260		
Fmoc-His(Trt)-OPfp	2322-00	109434-24-4			1230	3675
H-His-βNA	2085-00	7424-15-9	115	460	1575	

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## Amino Acid Derivative Price List (continued)

Product name	Prod. Code	CASRN	€/1g	€/5g	€/25g	€/100g
<b>Histidine</b>						
H-His(1-Me)-OH H-His( $\tau$ -Me)-OH	2057-01	332-80-9	190	735		
H-D-His(1-Me)-OH H-D-His( $\tau$ -Me)-OH	2449-01	163750-77-4	370	1260		
H-His(3-Me)-OH H-His( $\pi$ -Me)-OH	1434-00	368-16-1	160	685		
H-D-His(3-Me)-OH H-D-His( $\pi$ -Me)-OH	2429-00	163750-76-3	250	1050		
<b>Homocitrulline</b>						
Fmoc-Homocit-OH	1998-00	201485-17-8	105	410	1560	
Fmoc-Homocit-OPfp	2481-00	2565792-83-6		1000	3625	
<b>Homocysteine</b>						
Fmoc-Homocys(Trt)-OH	2311-00	167015-23-8	135	600	3440	
<b>Hydroxyproline</b>						
Fmoc-Hyp(tBu)-OH	1859-00	122996-47-8		145	580	
H-Hyp- $\beta$ NA	2086-00	3326-64-5		355	1260	
<b>Isoleucine</b>						
Boc-D-Ile-OH	2139-00	55721-65-8		525	2100	
Fmoc-allo-Ile-OH	2218-00	251316-98-0	220	830		
Fmoc-D-Ile-OH	2160-00	143688-83-9	160	630	2520	
Fmoc-Ile-OPfp	1518-00	86060-89-1			265	735
H-allo-Ile-OH	1456-00	1509-34-8	180	670		
H-D-Ile-OH	1103-00	319-78-8	135	630	2520	
Z-Ile-OH · DCHA	1565-01	26699-00-3			150	300
<b>Leucine</b>						
Fmoc-N-Me-Leu-OH	1690-00	103478-62-2		200	525	1260
Fmoc-Leu-OPfp	1563-00	86060-88-0			265	735
Fmoc-(Dmb)Leu-OH	2570-00	1425938-65-3	145	590	2350	
<b><i>t</i>-Leucine (Tle)</b>						
Fmoc-Tle-OH	1595-00	132684-60-7		370	1470	
Fmoc-D-Tle-OH	2046-00	198543-64-5	190	685	2050	
Z-Tle-OH · DCHA	2300-00	62965-37-1		110	400	1435
<b>Lysine</b>						
Ac-Lys-OMe · HCl	2100-00	20911-93-7		185	735	
Ac-Lys(Ac)-OH	1959-00	499-86-5		210	840	
Boc-Lys-OH	1494-00	13734-28-6			265	
Boc-Lys(Ac)-OH	1349-00	6404-26-8		160	685	
Boc-Lys(Ac)-AMC	2171-00	233691-67-3	790	2625		
Boc-Lys(Fmoc)-OH	1495-00	84624-27-1		160	630	

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## Amino Acid Derivative Price List (continued)

Product name	Prod. Code	CASRN	€/1g	€/5g	€/25g	€/100g
<b>Lysine</b>						
Dde-Lys(Fmoc)-OH	2582-00	156648-40-7	105	475	1995	
Fmoc-Lys(biotinyl)-OH	1138-00	146987-10-2		420	1575	
Fmoc-D-Lys(Boc)-OH	1452-00	92122-45-7			170	580
Fmoc-Lys(Boc)-OPfp	1616-00	86060-98-2			285	805
Fmoc-Lys(Dde)-OH	1238-00	150629-67-7		190	755	2310
Fmoc-D-Lys(Dde)-OH	1609-00	333973-51-6		305	1225	
Fmoc-D-Lys(Fmoc)-OH	1753-00	75932-02-4		130	475	
Fmoc-D-Lys(4-methoxytrityl)-OH	2648-00	2044710-18-9	250	1150		
Fmoc-Lys(ivDde)-OH	1013-00	204777-78-6		265	945	2625
Fmoc-Lys(Mmt)-OPfp	2333-00	2022956-36-9	230			
Fmoc-Lys(N3)-OH	2574-00	159610-89-6	120	440	1775	5330
H-Lys(Boc)-NH <sub>2</sub> · HCl	1404-00	112803-72-2		265	1000	
H-Lys(Fmoc)-OH · HCl	2583-00	84624-28-2		125	505	
H-Lys(Fmoc)-OMe · HCl	1712-00	201009-98-5		105	370	1000
<b>Methionine</b>						
Fmoc-Met-OPfp	1248-00	86060-94-8			265	735
<b>Norleucine</b>						
Fmoc-Nle-OH	2285-00	77284-32-3			120	370
Fmoc-D-Nle-OH	1819-00	112883-41-7			160	475
Fmoc-ε-azido-Nle-OH	2574-00	159610-89-6	120	440	1775	5330
Fmoc-N-Me-Nle-OH	2591-00	112883-42-8		130	520	
<b>Ornithine</b>						
Boc-Orn-OtBu · HCl	1561-01	214629-97-7		265	1105	
Fmoc-D-Orn(Boc)-OH	2418-00	118476-89-4		120	480	
Fmoc-Orn(ivDde)-OH	1140-00	1198321-33-3		335	1260	
Fmoc-Orn(N3)-OH	2602-00	1097192-04-5		370	1450	
Fmoc-Orn(pyrazinylcarbonyl)-OH	2092-00	201046-61-9	160	630	2520	
<b>Phenylalanine</b>						
Boc-Phe-OSu	2625-00	3674-06-4			200	600
Boc-p-amino-Phe-OH	1989-00	55533-24-9		150	590	
Boc-p-amino-D-Phe-OH	2272-00	164332-89-2		340	1260	
Boc-p-azido-Phe-OH	1957-00	33173-55-6	160	545		
Boc-p-azido-D-Phe-OH	2273-00	214630-05-4	240	840		

## Amino Acid Derivative Price List (continued)

Product name	Prod. Code	CASRN	€/1g	€/5g	€/25g	€/100g
<b>Phenylalanine</b>						
Fmoc-Phe-OPfp	1912-00	86060-92-6			265	735
Fmoc-N-Me-Phe-OH	2419-00	77128-73-5		200	525	1260
Fmoc-N-Me-Phe-OPfp	2471-00	2565792-51-8		1000	3625	
Fmoc-p-azido-Phe-OH	1958-00	163217-43-4	125	505		
Fmoc-p-azido-D-Phe-OH	2420-00	1391586-30-3	305	1175		
Fmoc-p-fluoro-Phe-OH	2064-00	169243-86-1		315	1155	
H-N-Me-D-Phe-OH · HCl	2197-00	56564-52-4 net	105	420	1680	
H-p-Azido-Phe-OH	1956-00	33173-53-4	200	790		
H-p-Azido-D-Phe-OH	2269-00	1241681-80-0	340	1260		
<b>Proline</b>						
Fmoc-Pro-OPfp	1016-00	86060-90-4			265	735
Fmoc-D-Pro-OPfp	2540-00	125281-38-1		420	1680	
H-Pro-OMe · HCl	1401-00	2133-40-6			105	265
H-Pro-pNA	2214-00	7369-91-7	115	420		
<b>Pyroglutamic Acid</b>						
Pyr-βNA	2109-00	22155-91-5	105	420	1785	
<b>Serine</b>						
Fmoc-Ser(tBu)-OH	1006-00	71989-33-8				125
Fmoc-D-Ser(tBu)-OH	1686-00	128107-47-1		100	265	630
Fmoc-Ser(tBu)-OPfp	2334-00	105751-13-1		160	390	
H-Ser-βNA	2356-00	888-74-4	85	335	1010	
H-Ser(tBu)-OtBu · HCl	2454-00	51537-21-4		135	500	
H-Ser(tBu)-NH <sub>2</sub>	2438-00	323587-47-9		105	370	
<b>β-2-Thienylalanine</b>						
Fmoc-β-(2-thienyl)-Ala-OH	1136-00	130309-35-2	160	420	1680	
<b>Threonine</b>						
Boc-Thr(Me)-OH	1907-00	48068-25-3		250	820	
Fmoc-N-Me-Thr(tBu)-OH	2368-00	117106-20-4	220	895	1840	
Fmoc-Thr(tBu)-OPfp	2302-00	117088-31-0			355	1005
NEW H-allo-Thr-OH	2496-00	28954-12-3	100	250	1000	
NEW H-D-allo-Thr-OH	2255-00	24830-94-2	150	350	1400	
<b>1,2,3,4-Tetrahydroisoquinoline-3-carboxylic Acid (Tic)</b>						
Fmoc-Tic-OH	2022-00	136030-33-6			210	685

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## Amino Acid Derivative Price List (continued)

Product name	Prod. Code	CASRN	€/1g	€/5g	€/25g	€/100g
<b>Tryptophan</b>						
Adpoc-Trp-OH	1101-00	68388-91-0		160	525	
Fmoc-D-Trp(Boc)-OH	2258-00	163619-04-3			210	735
Fmoc-Trp(Boc)-OPfp	1529-00	181311-44-4			790	2260
H-Trp-NH <sub>2</sub> · HCl	2431-00	5022-65-1		80	295	
<b>Tyrosine</b>						
Fmoc-Tyr(tBu)-OPfp	1008-00	86060-93-7		120	320	
Fmoc-D-Tyr(Bzl)-OH	2678-00	138775-48-1		250	900	
Fmoc-N-Me-Tyr(tBu)-OH	2093-00	133373-24-7	220	895	1840	
<b>Valine</b>						
Boc-N-Me-Val-OH	1860-00	45170-31-8		150	515	
Fmoc-Val-OPfp	1312-00	86060-87-9			265	735
Fmoc-N-Me-Val-OH	1639-00	84000-11-3		200	525	1260
Fmoc-N-Me-D-Val-OH	2623-00	103478-58-6		250	900	
<b>Others</b>						
N,N'-Di-Boc-S-methylisothiourea	1866-00	107819-90-9			210	840
Bis-Boc-Thiourea	1586-00	145013-05-4		150	600	
H-His-Tyr-OH	2615-00	35979-00-1	300	1400		

Further derivatives upon request.

## General Terms and Conditions of Sale and Delivery for PeptART Bioscience GmbH

### 1. Principles and Scope

1.1 The following sales terms and delivery conditions apply to all the sales activities of PeptART Bioscience GmbH (PeptART) as seller and its customers (buyers) notwithstanding any other terms and conditions which may otherwise have been contractually agreed in writing by the relevant parties.

1.2 With the placement of an order, the buyer agrees to accept the following conditions. Additionally, PeptART is not bound by the purchasing conditions of the buyer, even if such disagreement is not made explicitly. Only the PeptART conditions of sale are applicable, even if an order contains addenda or statements that are worded differently or provide for further conditions.

### 2. Prices

2.1 Prices do not include value-added tax and/or sales tax which may be invoiced separately as required. As a rule, all prices include the inner and outer packaging.

2.2 PeptART reserves the right to add a surcharge for smaller orders and/or for any special shipment conditions (e. g. blue ice or dry ice).

2.3 Shipping and handling charges apply to all shipments (see also 8.4).

2.4 All product prices are subject to change without notice prior to confirmation of an order, but no product will be shipped at increased prices without prior notification.

2.5 PeptART reserves the right to charge a fee on returned goods for re-assaying and restocking.

2.7 PeptART reserves the right not to fulfill orders in the unlikely event the product can no longer be made or the customer is in arrears with any payment.

### 3. Placing of Orders

3.1 Orders may be placed by telephone, fax, email, and letter.

3.2 Offers and orders placed verbally or by electronic transmission shall only become legally binding if they have been confirmed by PeptART.

3.3 Orders received by PeptART are firm and binding for the buyer and do not release the parties concerned from their obligation(s) to deliver or to accept delivery, nor release them from their financial obligations to PeptART.

### 4. Delivery and Acceptance

4.1 Delivery terms may vary from country to country. For details check with PeptART.

4.2 Agreed delivery deadlines refer to the shipment date of the goods. If the delivery deadline is exceeded, the buyer shall specify an appropriate period for acceptable late delivery of the shipment.

4.3 PeptART's liability in respect of non-fulfillment or delay of delivery shall be confined to the invoice value of the goods.

4.4 PeptART's obligation to deliver shall be suspended so long as the buyer is in arrears with respect to commitments or payment obligations.

4.5 Force majeure of any kind, unforeseeable operational disruptions, shortfalls or failures in delivery on the part of our suppliers, shortages of raw materials, power supplies and/or manpower, strikes, lockouts, problems in procuring means of transport, obstructions to traffic, war, political unrest, acts of terrorism, natural disasters and order of higher authorities exempt the party concerned from the obligation to deliver or to accept delivery for the duration of the disruption and for any consequential damages arising therefrom, but shall not exempt such party from any financial obligations arising from any goods or services already supplied.

### 5. Guarantee

5.1 PeptART guarantees the purity, identity and content of the delivered products according to the results listed on the "Certificate of Analysis" (COA) of the lot in question. However, it remains the sole responsibility of the buyer to determine the suitability of all materials for any intended or specific purpose of use prior to use. PeptART makes no warranties as to use for an intended or specific purpose, unless previously expressly agreed in writing.

5.2 The buyer shall inspect visually and test the goods immediately upon receipt to determine whether the condition and quantity of the goods conforms to the applicable contractual agreement. Complaints in respect of deficiencies which are detected at the time of testing of the product must be lodged within 8 days of receipt of the goods. The complaint shall be submitted in writing with proof of non-compliance, naming specifically the product, the lot number and the invoice number.

5.3 If the buyer lodges a complaint of deficiency or of inconsistency in good time, and if the complaint is justified, the buyer shall receive a replacement delivery. If the replacement delivery is also non-conforming to the prior contractual agreement, then the buyer has the right to demand the revocation of the contract.

5.4 Products which are the subject of complaint may be sent back only with PeptART's agreement and shipping arrangements for the return must be agreed upon by PeptART in advance.

5.5 PeptART's liability is limited in each case to the value of the supplied goods.

## 6. Use and Liability

6.1 PeptART expressly draws attention to the fact that its products are intended for laboratory and research purposes only. PeptART therefore supplies such products only for the purposes of public research, experimental and teaching institutes, technical facilities and pertinent industrial units. Any exceptions (e.g. drug substances complying with GMP) are appropriately labeled.

6.2 PeptART expressly forbids the distribution of dangerous substances to private persons. PeptART also draws attention to the fact that the absence of a hazard warning sign does not indicate that the product concerned is harmless. PeptART shall therefore not accept any liability for damage that could arise from the inappropriate handling or from any use in household applications or in humans and animals. PeptART shall likewise not accept any liability for damage (to any property or person) that arises from any inappropriate handling or storage of the products.

6.3 If national or international laws or regulations are applicable to any shipment, including delivery, storage, processing or trading with certain products, then these shall be appropriately observed by the buyer.

6.4 All information contained in catalogs, brochures, publications and other printed or electronic media is compiled to the best of PeptART's knowledge. PeptART hereby disclaims any liability for any possible errors or misprints.

## 7. Proprietary Rights / Property

7.1 The products shall be supplied in each case under reservation of title.

7.2 Until full payment of the purchase price, including all secondary claims, the supplied goods remain the property of PeptART. In the event of the supplied goods being used to create a new product, the proprietary rights remain with the vendor.

7.3 If the buyer fails to meet his financial obligations in spite of late notices, PeptART reserves the right to withhold any further deliveries to the buyer and require the return of the unpaid goods at the buyer's expense, unused and in the original packaging.

## 8. Terms of Payment

8.1 Unless otherwise indicated by PeptART, PeptART's invoices are payable within 30 days from the invoice date without deduction. Overdue accounts might become subject to service a charge at a rate, according to applicable law.

8.2 PeptART does not accept cheques.

8.3 Discount deductions on invoices are not allowed. Reductions in PeptART's invoices may not be made without a credit invoice or note and if made without a credit invoice or note, shall be considered a late or short payment.

8.4 In the case of a new business relationship or for other reasons, PeptART reserves the right to change the terms of payment to payment in full or in part in advance of shipment. Any use tax, sales tax, excise tax, duty, custom, inspection or testing fee, or any other tax, fee or charge of any nature whatsoever imposed by any governmental authority, on or measured by the transaction between seller and buyer shall be paid by buyer in addition to the prices quoted or invoiced.

## 9. Patent Claims, Protection Rights, Consultancy

9.1 With any purchase, the buyer acquires the product but no other rights associated with the product. In particular, PeptART remains in possession of all intellectual property rights related to the manufacturing and composition of the product.

9.2 PeptART does not offer any guarantee that the use or resale of products which are delivered under the terms of these Conditions of Sale and Delivery will not violate the protection or patent rights of third parties in accordance with the national provisions of the buyer or the provisions of other countries with respect to the delivered product or its use in combination with other products or in any implementation of procedures.

9.3 PeptART agrees to offer its customers technical support to the best of its knowledge. All proposals by the vendor for the use, application or suitability of the products shall not be interpreted as an explicit guarantee of success.

## 10. Data Protection

10.1 Data arising within the context of the contractual relations are kept on file.

10.2 The data shall be handled in conformity with the provisions of the local protection acts.

## 11. Applicable Laws, Domicile, and Venue

11.1 Swiss law shall be applicable and the venue for any legal disputes shall be Liestal, Switzerland.

11.2 If a provision in these conditions of sale or a provision in the context of other agreements are or become legally unenforceable, only that provision shall become null and void and all remaining provisions shall remain enforceable and in effect.

## WHO WE ARE

PeptART Bioscience GmbH is an independent Swiss company with its own manufacturing facilities in Switzerland.

Our team combines in-depth knowledge with many years of expertise in the field of amino acid derivatives, peptides and related compounds.

Our company is ISO 9001:2015 certified and approved as supplier of API starting materials by various Peptide API manufacturers.

We produce effective solutions by combining the informed theoretical understanding of our PhD-level staff with many years of hands-on experience in peptide manufacturing.

**Made in Switzerland.**

## OUR STRENGTHS

- Catalog amounts to bulk quantities
- High quality products, environmentally responsible and safe practices
- Rapid, flawless processing of orders at attractive prices
- Customer friendly and efficient service
- Available to customers worldwide
- Service in three languages: German, English and French

## OUR PRODUCTS AND SERVICES

- Custom Manufacturing
- This list contains our product portfolio of Dipeptide Building Blocks, i.e. Pseudoprolines (Oxazolidines and Thiazolidines) and Fmoc-Dipeptides as well as a selection of our most popular products.
- Please inquire for other products or other quantities.
- Products also available as API starting materials
- We offer customized packaging and customized specifications upon request.

Our prices are ex works (Läufelfingen, Switzerland). Freight charges will be prepaid and added to your invoice unless you provide us your carrier and carrier account number. Delivery times may vary from country to country and depend on the availability. Most of our products are in stock and, upon receipt of an order, will be shipped within one business day.

## INTENDED USE

All our products are intended for laboratory and research purposes only and are not approved for human use.

## TERMS

PeptART Bioscience's invoices are payable within 30 days from the invoice date without deduction. Overdue accounts are subject to additional service charges and may result in pre-payment for future orders. For details see General Terms and Conditions of Sale and Delivery for PeptART Bioscience GmbH.

## OUR AIM

**We want to become your supplier and partner for**

- Pseudoproline Building Blocks
- Amino Acid Derivatives
- Fmoc-Dipeptides
- Custom Manufacturing
- API Starting Materials



Trust builds on quality and expertise  
**PeptART – your Swiss pARTner in Peptide Chemistry**

## CONTACT

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