



Peptide Impurity Standards

Move easily

Move reliably

Move quickly

Move ahead

Calcitonin

Asp-26-Calcitonin
Glu-14-Calcitonin
Glu-20-Calcitonin
Asp (3)-Calcitonin
Des (32,31) Thr, Pro-Calcitonin
Calcitonin Parallel Dimer
Calcitoninyl glycine
Ser(Ac)5-Calcitonin
Des-(32,31) Thr-Pro Calcitonin Acid
Truncated (32-27)- Calcitonin
Trisulfide-Calcitonin
1-2 Hydrolysis Calcitonin
Calcitonin Salmon D10 Impurity
1,7 bis(3-sulfo-L-Ala)-
Calcitonin salmon
1,7 bis(3-sulfo-L-Ala)-
Calcitoninyl glycine
Truncated (32-20)-Calcitonin
Truncated (32-29)-Calcitonin
Truncated (32-28)-Calcitonin
Fragment (27-32)-Calcitonin salmon
Fragment (28-32)-Calcitonin salmon

Cetrorelix

Cetrorelix D10
Des-Amido-Cetrorelix
L-Ala(10)-Cetrorelix
Des-Acetyl-Cetrorelix
Des-D-Ala-Cetrorelix
Endo-3-D-Pal-Cetrorelix

Daptomycin

Daptomycin β -Isomer
Anhydro-Daptomycin
Daptomycin (RS-1)
Daptomycin Lactone Hydrolysis
Daptomycin impurity-1
Daptomycin Impurity-B1/II
Daptomycin Impurity-B2
Daptomycin impurity-5
Daptomycin Impurity-6
Daptomycin Impurity-7
Daptomycin Impurity-8
Daptomycin Impurity-3
Daptomycin Impurity-4
Isodecyl acyl isomer
Impurity RS-7b
Impurity RS-2

Ganirelix

L-Ala(10)-Ganirelix
D-Ser(4)-Ganirelix

Icatibant

Des-D-Arg(1)-Icatibant
Des-L-Arg(2)-Icatibant
L-Arg(1)-Icatibant
(1-6)-Icatibant
(7-10)-Icatibant
Ac-Icatibant

Lanreotide

Lanreotide D8 TFA salt
Des-Thr(8)-Lanreotide
N-Ac-Lanreotide
L-Nal-Lanreotide
Lanreotide Acid

Leuprolide

Leuprolide- Impurity-12
D-Trp-Leuprolide
Leuprolide- Impurity-6
Leuprolide- Impurity-8
D-Ser-Leuprolide
D-His-Leuprolide
Leuprolide-Metabolite(pentapeptide)
(O-Acetyl-L-Ser)-Leuprolide
L-Leu (6)-Leuprolide
D-Leu-Leuprolide
Ac(2-9) Leuprolide
D-Tyr-Leuprolide
Leuprolide D10 (labelled)
Leuprolide impurity(1-5)
Leuprolide impurity(1-8)
Des-Ser(4)-Leuprolid

Linaclotide

Asp(7)-Linaclotide
Ac-Linaclotide
Des-Tyr(14)-Linaclotide
Cys(1)-IMD-Linaclotide

Liraglutide

D-His(1)-Liraglutide
D-Glu(3)-Liraglutide
D-Ser(8)-Liraglutide
Des-Gly(4)-Liraglutide
Des-Ser(8)-Liraglutide
Des-Gly(29)-Liraglutide
Des-Gly(31)-Liraglutide
D-Arg(28)-Liraglutide
Trp(0)-Liraglutide
Glu(17)-Liraglutide
[3-31]-Liraglutide
[4-31]-Liraglutide
[5-31]-Liraglutide
[6-31]-Liraglutide
[7-31]-Liraglutide
[9-31]-Liraglutide
[10-31]-Liraglutide
Des-Ala(2)-Liraglutide
Des-Thr(5)-Liraglutide
D-allo-Thr(11)-Liraglutide
D-allo-Thr(13)-Liraglutide
D-Val(16)-Liraglutide
D-Ser(17)-Liraglutide
D-Ser(18)-Liraglutide
Under-development
Imp-J (Formaldehyde-Adduct)
Trp(Ac)-Liraglutide

Miscellaneous

Des-Asn(1)-Plecanatide
N,N'-dimethyl-Gly-Desmopressin
UD: Gln(Acm)-Desmopressin
Asn(Acm)-Desmopressin

Oxytocin

Ac-Oxytocin
Asp 5- Oxytocin
Glu 4-Oxytocin
Leu 3-Oxytocin
Oxytocic Acid
D-Asn 5-Oxytocin
Ala (3-CN) 5-Oxytocin
Parallel Dimer- Oxytocin
Antiparallel Dimer Oxytocin

Octreotide

D-Thr(6)-Octreotide
D-Cys(2)-Octreotide
Ac-Octreotide
Trp(4)-Octreotide
Lys(Ac)-Octreotide
Des-Threoninol-Octreotide
D-Cys(7)-Octreotide
Threoninol(Ac)
8-Octreotide
Linear octreotide
L-Phe(1)-Octreotide
Des-D-Phe(1)-Octreotide
Des-D-Trp(4)-Octreotide
Des-Lys(5)-Octreotide
Octreotide Acid
D-Phe(3)-Octreotide
D-allo-Thr(6)-Octreotide
(N-O) acyl isomer of Octreotide
Trisulfide Octreotide
Octreotide D8(labelled)

Semaglutide

Semaglutide WRS
Semaglutide D5
Des-Glu(3)-Semaglutide
Endo-Gly(4)-Semaglutide
D-His(7)-Semaglutide
Des-His(7)-Semaglutide
Des-Gly(10)-Semaglutide
Des-Thr(11)-Semaglutide
Endo-Gly(10)-Semaglutide
iso-Asp-Semaglutide

Somatostatin

D-Ala(1)-Somatostatin
D-Asn(5)-Somatostatin
D-Cys(3)-Somatostatin
D-Lys(4)-Somatostatin
D-Phe(6)-Somatostatin
D-Cys(14)-Somatostatin
D-Lys(9)-Somatostatin
D-Phe(7)-Somatostatin
D-Phe(11)-Somatostatin
D-Ser(13)-Somatostatin
D-allo-Thr(10)-Somatostatin
D-allo-Thr(12)-Somatostatin
D-Trp(8)-Somatostatin
[3-14]-Somatostatin
Ac-[3-14]-Somatostatin
Des-Ala(1)-Somatostatin
Ac-Des-Ala(1)-Somatostatin
Asp(5)-Somatostatin
Des-Asn(5)-Somatostatin
Des-Gly(2)-Somatostatin
Des-Ser(13)-Somatostatin
Des-Thrt(12)-Somatostatin
Di-Ala(1)-Somatostatin
Di-Gly(2)-Somatostatin
Di-Thr(12)-Somatostatin
Di-Trp(8)-Somatostatin
Endo [Ser-Cys(Acm)]-Somatostatin\
DICU (7-14)-Somatostatin

Teriparatide

Met(0)-8,18-Teriparatide
Teriparatide Dimer
PTH(31-34)-Acid Impurity
PTH(31-34)-Teriparatide
Met(0)-8 Teriparatide
Met(0)-18 Teriparatide

Vasopressin

Gly 9-Vasopressin
Glu (4)-Vasopressin
Asp(5)-Vasopressin
Di-sulfonic acid- AVP
Des-Gly-Vasopressin
Endo-Gly-Vasopressin
Ac-Vasopressin
Vasopressin D5 (labelled)
Trisulfide AVP
D-Asn-Vasopressin
Des-Pro-Vasopressin
Gln(Acm)-Vasopressin
His(2)-Vasopressin
D-Tyr-Vasopressin
D-Arg(8)-Vasopressin
D-Cys(1)-Vasopressin
D-Cys(6)-Vasopressin
D-Pro(7)-Vasopressin
Des-Gly-OH-Vasopressin
D-Phe(3)-Vasopressin
Parallel Dimer
Antiparallel Dimer
 β -Asp(5)-Vasopressin
Ac-Asp(5)-Vasopressin
Leu(7)-Vasopressin
Glu(4)-Gly-OH-Vasopressin
Lysine-Vasopressin



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