

Octreotide Acetate (Cas No 79517-01-4)



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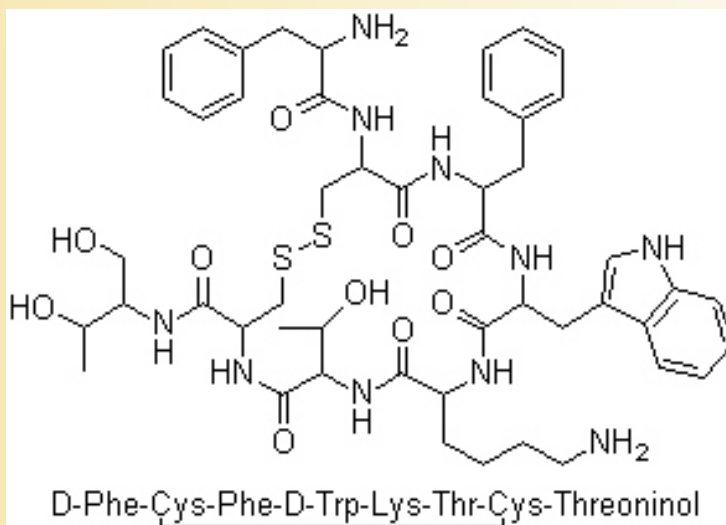
Molecular Formula C₄₉H₆₆N₁₀O₁₀S₂

Molecular Weight 1019.24

CAS Registry Number 79517-01-4

Systematic (IUPAC) name

(4R,7S,10S,13R,16S,19R)-10-(4-aminobutyl)-19-
[[[(2R)-2-amino-3-phenyl-propanoyl]amino]-16-
benzyl-N-[(2R,3R)-1,3-dihydroxybutan-2-yl]-7-
(1-hydroxyethyl)-13-(1H-indol-3-ylmethyl)-6,9,12,
15,18-pentaoxo-1,2-dithia-5,8,11,14,17-
pentazacycloicosane-4-carboxamide



Identifiers

CAS number 83150-76-9

ATC code H01CB02

PubChem 54373

DrugBank BT000088

Chemical data

Formula C₄₉H₆₆N₁₀O₁₀S₂ Mol. mass 1019.24 g/mol

Pharmacokinetic data

Bioavailability 100%; I.M: 60% to 63% of subcutaneous dose

Protein binding 65%

Metabolism Hepatic

Half life 1.7-1.9 hours