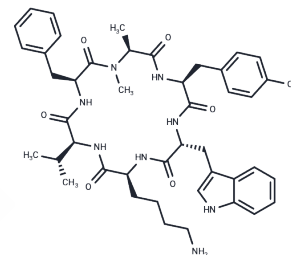


## Seglitide

## Chemical Properties

CAS No. :	81377-02-8
Formula:	C44H56N8O7
Molecular Weight:	808.98
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Peptide agonist for sst2 and sst5 somatostatin receptors. IC50/Kd values (nM) at cloned human somatostatin receptors are: > 1000 (sst1), 0.2 - 1.5 (sst2), 27 - 36 (sst3), > 127 (sst4), and 0.06 - 23 (sst5).
Targets(IC50)	Somatostatin

## Solubility Information

Solubility	H2O: 1 mg/mL (1.24 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2361 mL	6.1806 mL	12.3612 mL
5 mM	0.2472 mL	1.2361 mL	2.4722 mL
10 mM	0.1236 mL	0.6181 mL	1.2361 mL
50 mM	0.0247 mL	0.1236 mL	0.2472 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Hoyer et al (1994) Molecular pharmacology of somatostatin receptors. Naunyn Schmiedebergs Arch.Pharmacol. 350 441 PMID:

Raynor et al (1993) Cloned somatostatin receptors: identification of subtype-selective peptides and demonstration of high affinity binding to linear peptides. Mol.Pharmacol. 43 838 PMID:

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