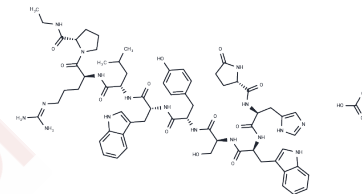


Deslorelin acetate(57773-65-6 free base)

Chemical Properties

CAS No. : 82318-06-7
 Formula: C66H87N17O14
 Molecular Weight: 1342.5
 Storage: Keep away from moisture
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	Deslorelin acetate(57773-65-6 free base) is a gonadotropin releasing hormone super-agonist (GnRH agonist)
Targets(IC50)	GNRH Receptor

Solubility Information

Solubility	DMSO: 10 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	0.7449 mL	3.7244 mL	7.4488 mL
5 mM	0.149 mL	0.7449 mL	1.4898 mL
10 mM	0.0745 mL	0.3724 mL	0.7449 mL
50 mM	0.0149 mL	0.0745 mL	0.149 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

Martinez G , Lacoste R , Dumasy M , et al. Deslorelin acetate implant induces transient sterility and behavior changes in male olive baboon (Papio anubis): A case study[J]. Journal of Medical Primatology, 2020(2).

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