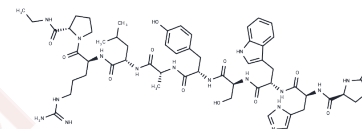


Surfagon

Chemical Properties

CAS No. :	52435-06-0
Formula:	C56H78N16O12
Molecular Weight:	1167.34
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	Surfagon is an effective LHRH agonist.
Targets(IC50)	GNRH Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8566 mL	4.2832 mL	8.5665 mL
5 mM	0.1713 mL	0.8566 mL	1.7133 mL
10 mM	0.0857 mL	0.4283 mL	0.8566 mL
50 mM	0.0171 mL	0.0857 mL	0.1713 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

- Krivosheev OG, Nabatchikova NA, Pozdniakova GI, Siutkin EA, Vinogradov VA. [Biological activity of surfagon--a synthetic luliberin agonist]. *Probl Endokrinol (Mosk)*. 1988 Nov-Dec;34(6):62-6. Russian. PubMed PMID: 3148928.
- Goncharova ND, Belova EG, Gorlushkin VM. [Effects of chronic surfagon administration on secretion of luteinizing hormone and morphofunctional state of the testes in Papiro hamadryas]. *Probl Endokrinol (Mosk)*. 1992 Jan-Feb;38(1):55-8. Russian. PubMed PMID: 1308599.
- Krivosheev OG, Chernykh V Ia, Vinogradov VA, Nabatchikova NA, Siutkin EA. [The experimental use of surfagon, a synthetic analog of luliberin, in follicular ovarian cysts]. *Probl Endokrinol (Mosk)*. 1989 Nov-Dec;35(6):54-8. Russian. PubMed PMID: 2695918.
- Sever'ianova LA, Bobyntsev II. [Effect of a luliberine analogue (surfagon) on food conditioning in rats with different sensitivity to ethanol]. *Ross Fiziol Zh Im I M Sechenova*. 1997 Mar;83(3):100-6. Russian. PubMed PMID: 12436689.

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