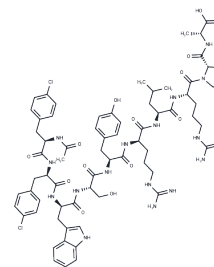


APTAA-LHRH

Chemical Properties

CAS No. :	83539-08-6
Formula:	C69H91Cl2N17O14
Molecular Weight:	1453.47
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	APTAA-LHRH is a gonadorelin antagonist.
Targets(IC50)	Others,GNRH Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.688 mL	3.440 mL	6.8801 mL
5 mM	0.1376 mL	0.688 mL	1.376 mL
10 mM	0.0688 mL	0.344 mL	0.688 mL
50 mM	0.0138 mL	0.0688 mL	0.1376 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

- van den Dungen HM, Dijkstra H, Hiehle MA, van Rees GP, Schoemaker J. Effects of LHRH antagonist administration to immature male rats on sexual development. *Physiol Behav.* 1989 Nov;46(5):779-85. PubMed PMID: 2516908.
- Deckers GH, de Graaf JH, Kloosterboer HJ, Loozen HJ. Properties of a potent LHRH antagonist (Org 30850) in female and male rats. *J Steroid Biochem Mol Biol.* 1992 Aug;42(7):705-12. PubMed PMID: 1504009.
- Geisthoevel F, Arana JB, Balmaceda JP, Rojas FJ, Asch RH. Prolactin and gonadotrophin dynamics in response to antagonists of LHRH and dopamine in ovariectomized rhesus monkeys: a dissection of their common secretion. *Hum Reprod.* 1988 Jul;3(5):591-5. PubMed PMID: 3139699.
- Sánchez-Criado JE, Hernandez G, Bellido C, Gonzalez D, Tébar M, Diaz-Cruz MA, Alonso R. Periovulatory LHRH, LH and FSH secretion in cyclic rats treated with RU486: effects of exogenous LHRH and LHRH antagonist on LH and FSH secretion at early oestrus. *J Endocrinol.* 1994 Apr;141(1):7-14. PubMed PMID: 8014605.

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