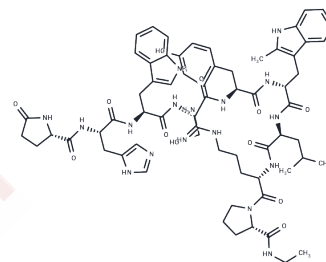


Avorelin

Chemical Properties

CAS No. :	140703-49-7
Formula:	C65H85N17O12
Molecular Weight:	1296.48
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	Avorelin, a luteinizing hormone releasing hormone (LH-RH) agonist, is used potentially for the treatment of prostate.
Targets(IC50)	Others,GNRH Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7713 mL	3.8566 mL	7.7132 mL
5 mM	0.1543 mL	0.7713 mL	1.5426 mL
10 mM	0.0771 mL	0.3857 mL	0.7713 mL
50 mM	0.0154 mL	0.0771 mL	0.1543 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

- Kaisary AV, Bowsheer WG, Gillatt DA, Anderson JB, Malone PR, Imbimbo BP. Pharmacodynamics of a long acting depot preparation of avorelin in patients with prostate cancer. Avorelin Study Group. J Urol. 1999 Dec;162(6):2019-23. PubMed PMID: 10569560.
- Brown GR, Dixon AF. Investigation of the role of postnatal testosterone in the expression of sex differences in behavior in infant rhesus macaques (*Macaca mulatta*). Horm Behav. 1999 Apr;35(2):186-94. PubMed PMID: 10202126.
- Brown GR, Nevison CM, Fraser HM, Dixon AF. Manipulation of postnatal testosterone levels affects phallic and clitoral development in infant rhesus monkeys. Int J Androl. 1999 Apr;22(2):119-28. PubMed PMID: 10194644.

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