

[D-Ala6]-LH-RH

Chemical Properties

CAS No. : 51230-19-4
 Formula: C56H77N17O13
 Molecular Weight: 1196.32
 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	[D-Ala6]-LH-RH, a Luteinizing-hormone-releasing hormone (LHRH) analogue, functions as a gonadotropin-releasing hormone (GnRH) receptor agonist [1].
Targets(IC50)	Others,GNRH Receptor
In vivo	[D-Ala6]-LH-RH (100 ng, subcutaneous injection) increases serum LH and FSH levels in prepubescent male rats [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8359 mL	4.1795 mL	8.359 mL
5 mM	0.1672 mL	0.8359 mL	1.6718 mL
10 mM	0.0836 mL	0.4179 mL	0.8359 mL
50 mM	0.0167 mL	0.0836 mL	0.1672 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.

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