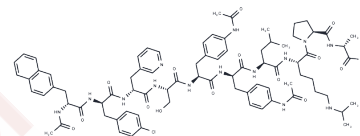


Acyline

Chemical Properties

CAS No. :	170157-13-8
Formula:	C80H102ClN15O14
Molecular Weight:	1533.21
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	Acyline is a novel GnRH antagonist found in animal studies to be a potent suppressor of circulating gonadotropin and testosterone (T) levels. Acyline inhibits basal and GnRH-stimulated serum testosterone concentrations in male dogs. Acyline prevented ovulation, but did not affect ovarian follicular development or gestational corpora lutea in the domestic cat. A single dose of the potent gonadotropin-releasing hormone antagonist acyline suppresses gonadotropins and testosterone for 2 weeks in healthy young men.
Targets(IC50)	GNRH Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6522 mL	3.2611 mL	6.5223 mL
5 mM	0.1304 mL	0.6522 mL	1.3045 mL
10 mM	0.0652 mL	0.3261 mL	0.6522 mL
50 mM	0.013 mL	0.0652 mL	0.1304 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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