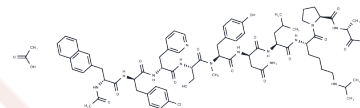


Abarelix acetate

Chemical Properties

CAS No. :	785804-17-3
Formula:	C72H95ClN14O14.xC2H4O2
Molecular Weight:	1476.14
Storage:	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	Abarelix acetate is a synthetic third generation gonadotropin-releasing hormone receptor (GnRHR) antagonist. It increases histamine release from rat peritoneal mast cells in vitro and from a human skin model ex vivo. In vivo, abarelix decreases plasma luteinizing hormone (LH) levels six hours post-treatment in castrated rats, with levels returning to baseline within 24 hours. ³ Abarelix (2 mg/kg) also transiently decreases plasma testosterone levels in intact rats, with levels returning to baseline within seven days post-treatment. Formulations containing abarelix have previously been used in the treatment of advanced prostate cancer.
Targets(IC50)	Others,GNRH Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6774 mL	3.3872 mL	6.7744 mL
5 mM	0.1355 mL	0.6774 mL	1.3549 mL
10 mM	0.0677 mL	0.3387 mL	0.6774 mL
50 mM	0.0135 mL	0.0677 mL	0.1355 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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