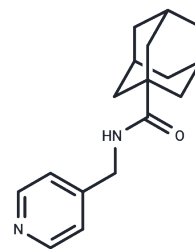


Aromatase-IN-2

Chemical Properties

CAS No. :	121768-39-6
Formula:	C ₁₇ H ₂₂ N ₂ O
Molecular Weight:	270.37
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	Aromatase-IN-2 has anti-inflammatory, antitumor and antiasthmatic effects.
Targets(IC50)	Others,Cytochromes P450

Solubility Information

Solubility	DMSO: 50 mg/mL (184.93 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (7.4 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6986 mL	18.4932 mL	36.9864 mL
5 mM	0.7397 mL	3.6986 mL	7.3973 mL
10 mM	0.3699 mL	1.8493 mL	3.6986 mL
50 mM	0.074 mL	0.3699 mL	0.7397 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

Chan FC, et al. 3- and 4-pyridylalkyl adamantanecarboxylates: inhibitors of human cytochrome P450(17 alpha) (17 alpha-hydroxylase/C17,20-lyase). Potential nonsteroidal agents for the treatment of prostatic cancer. J Med Chem. 1996 Aug 16;39(17):3319-23.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481