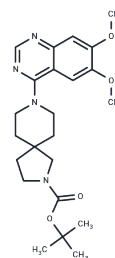


Enpp-1-IN-16

Chemical Properties

CAS No. :	2289739-47-3
Formula:	C ₂₃ H ₃₂ N ₄ O ₄
Molecular Weight:	428.52
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	Enpp-1-IN-16 is an inhibitor targeting ENPP1 with potential anti-cancer activity. Enpp-1-IN-16 can be used to study insulin resistance in relation to type II diabetes mellitus and various ENPP1-mediated diseases in the chondrocalcinosis and osteoarthritis classes.
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 1 mg/mL (2.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3336 mL	11.6681 mL	23.3361 mL
5 mM	0.4667 mL	2.3336 mL	4.6672 mL
10 mM	0.2334 mL	1.1668 mL	2.3336 mL
50 mM	0.0467 mL	0.2334 mL	0.4667 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

Nitika, et al. Chemogenomic screening identifies the Hsp70 co-chaperone DNAJA1 as a hub for anticancer drug resistance. Sci Rep. 2020 Aug 14;10(1):13831.

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