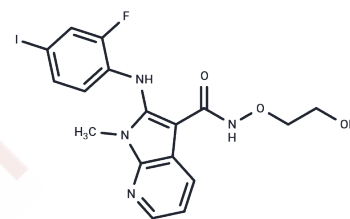


Nedometinib

Chemical Properties

CAS No. :	2252314-46-6
Formula:	C17H16FIN4O3
Molecular Weight:	470.24
Storage:	Store at low temperature 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	Nedometinib (NFX-179) is a selective mitogen-activated protein kinase kinase (MEK1) inhibitor with anticancer and antitumor activity, inhibits MAPK pathway signaling in the skin, inhibits the growth of human squamous cell lines in a dose-dependent manner, and can be used to study malignant tumors.
Targets(IC50)	MEK,p38 MAPK,PERK

Solubility Information

Solubility	DMSO: 80 mg/mL (170.13 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1266 mL	10.6329 mL	21.2657 mL
5 mM	0.4253 mL	2.1266 mL	4.2531 mL
10 mM	0.2127 mL	1.0633 mL	2.1266 mL
50 mM	0.0425 mL	0.2127 mL	0.4253 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

Kincaid, et al. Preparation of pyrrolopyridine-aniline compounds for treatment of dermal disorders. World Intellectual Property Organization, WO2018213810 A2018-11-22.

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