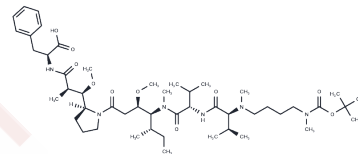


Auristatin23

Chemical Properties

CAS No. :	2375388-36-4
Formula:	C ₄₉ H ₈₄ N ₆ O ₁₀
Molecular Weight:	917.23
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	Auristatin23 is an Antitumor agent. Auristatin23 exhibits antiproliferative activity on tumor cell lines.
Targets(IC50)	Others
In vitro	Auristatin23 exhibits IC50 of 0.4-6.2nM for melanoma and colon cancer cell lines[1].

Solubility Information

Solubility	DMSO: 9.18 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0902 mL	5.4512 mL	10.9024 mL
5 mM	0.218 mL	1.0902 mL	2.1805 mL
10 mM	0.109 mL	0.5451 mL	1.0902 mL
50 mM	0.0218 mL	0.109 mL	0.218 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

Doronina, Svetlana O.; Moquist, Philip From PCT Int. Appl. (2019), WO 2019164987 A1 20190829.

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