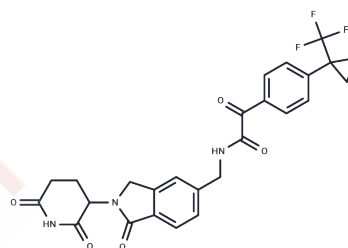


Sontigidomide

Chemical Properties

CAS No. :	2560577-69-5
Formula:	C ₂₆ H ₂₂ F ₃ N ₃ O ₅
Molecular Weight:	513.47
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	Sontigidomide (Compound 5) is an antitumor biochemical reagent capable of inhibiting the proliferation of human leukemia MOLM-13 cells.
Targets(IC50)	Others
In vitro	Sontigidomide (1 μM; 72 h) inhibits MOLM-13 cell proliferation with an inhibition rate exceeding 80% [1].

Solubility Information

Solubility	DMSO: 100 mg/mL (194.75 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9475 mL	9.7377 mL	19.4753 mL
5 mM	0.3895 mL	1.9475 mL	3.8951 mL
10 mM	0.1948 mL	0.9738 mL	1.9475 mL
50 mM	0.039 mL	0.1948 mL	0.3895 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

Kyle W.H. Chan, et al. Protein-targeting compounds and pharmaceutical compositions thereof, and their therapeutic applications. US20200369679.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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