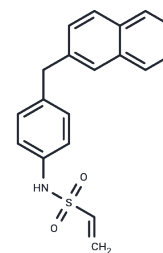


DC-TEADin02

Chemical Properties

CAS No. :	2380228-45-3
Formula:	C19H17NO2S
Molecular Weight:	323.41
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	DC-TEADin02 is an inhibitor of TEAD auto palmitoylation (IC50 = 197 nM). DC-TEADin02 can be in studies about development, regeneration, and tissue homeostasis.
Targets(IC50)	YAP
In vitro	DC-TEADin02 (0-25 μM) inhibits TEADs transcription activity and downregulates the gene expression of YAP-related downstream[1].

Solubility Information

Solubility	DMSO: 90 mg/mL (278.28 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: 3.3 mg/mL (10.2 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	3.0921 mL	15.4603 mL	30.9205 mL
5 mM	0.6184 mL	3.0921 mL	6.1841 mL
10 mM	0.3092 mL	1.546 mL	3.0921 mL
50 mM	0.0618 mL	0.3092 mL	0.6184 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

Wenchao Lu, et al. Discovery and biological evaluation of vinylsulfonamide derivatives as highly potent, covalent TEAD autopalmitylation inhibitors. Eur J Med Chem. 2019 Dec 15;184:111767.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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