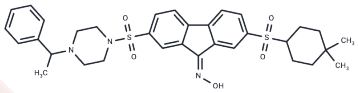
Data Sheet (Cat.No.T13364)

TargetMol

YAP/TAZ inhibitor-1

Chemical Properties



CAS No. : 2093565-23-0

Formula: C33H39N3O5S2

Molecular Weight: 621.81

Storage: Keep away from direct sunlight,Store at low temperature
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	YAP/TAZ inhibitor-1 is a YAP/TAZ inhibitor (IC50 <0.100 μM) for the study of abnormal immune function and cancer.
Targets(IC50)	YAP
In vitro	YAP/TAZ inhibitor-1 is an inhibitor of the transcriptional coactivator with PDZ-binding motif/Yes-associated protein transcriptional coactivator (TAZ/YAP), exerting significant anti-proliferative effects in cells[1].

Solubility Information

Solubility	DMSO: 80 mg/mL (128.66 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 (5.31 mM),Sonication is recommended. *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.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6082 mL	8.041 mL	16.0821 mL
5 mM	0.3216 mL	1.6082 mL	3.2164 mL
10 mM	0.1608 mL	0.8041 mL	1.6082 mL
50 mM	0.0322 mL	0.1608 mL	0.3216 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

Tracy Tzu-Ling Tang Lin, et al. Tricyclic compounds. WO2017058716A1.
Yan Z, Ruan B, Wang S, et al.RNA-binding Protein QKI Inhibits Osteogenic Differentiation Via Suppressing Wnt Pathway.Archives of Medical Research.2023: 102853.