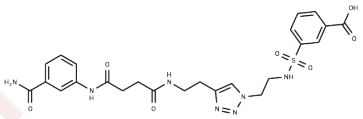
Data Sheet (Cat.No.T12366)

TargetMol

PARP14 inhibitor H10

Chemical Properties



CAS No. : 2084811-68-5

Formula: C24H27N7O7S

Molecular Weight: 557.58

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	PARP14 inhibitor H10 is a selective inhibitor against PARP14 with IC50 of 490 nM
Targets(IC50)	Apoptosis,PARP

Solubility Information

Solubility	DMSO: 62.5 mg/mL (112.09 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: 2.5 mg/mL (4.48 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	1.7935 mL	8.9673 mL	17.9346 mL
5 mM	0.3587 mL	1.7935 mL	3.5869 mL
10 mM	0.1793 mL	0.8967 mL	1.7935 mL
50 mM	0.0359 mL	0.1793 mL	0.3587 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

Peng B, et al. Small Molecule Microarray Based Discovery of PARP14 Inhibitors. Angew Chem Int Ed Engl. 2017 Jan 2;56(1):248-253.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481