

PARP14 inhibitor H10

Chemical Properties

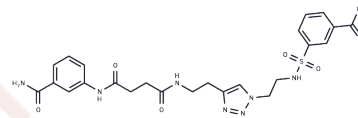
CAS No. : 2084811-68-5

Formula: C₂₄H₂₇N₇O₇S

Molecular Weight: 557.58

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PARP14 inhibitor H10 is a selective inhibitor against PARP14 with IC ₅₀ of 490 nM
Targets(IC ₅₀)	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)
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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.

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.

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