

PDD00017272

Chemical Properties

CAS No. : 1945950-20-8

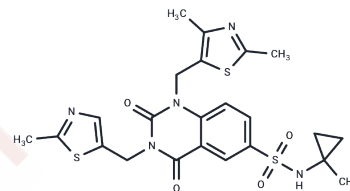
Formula: C23H25N5O4S3

Molecular Weight: 531.67

Store at low temperature

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	PDD00017272 (34f) is a potent inhibitor of poly(ADP-ribose) glycohydrolase (PARG), exhibiting an EC50 value of 4.8 nM in biochemical assays and 9.2 nM in cellular POM.
Targets(IC50)	Others,Poly(ADP-ribose) Glycohydrolase (PARG)

Solubility Information

Solubility	DMSO: 20 mg/mL (37.62 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 1 mg/mL (1.88 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	1.8809 mL	9.4043 mL	18.8087 mL
5 mM	0.3762 mL	1.8809 mL	3.7617 mL
10 mM	0.1881 mL	0.9404 mL	1.8809 mL
50 mM	0.0376 mL	0.1881 mL	0.3762 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

Bohdan Waszkowycz, et al. Cell-Active Small Molecule Inhibitors of the DNA-Damage Repair Enzyme Poly(ADP-ribose) Glycohydrolase (PARG): Discovery and Optimization of Orally Bioavailable Quinazolidione Sulfonamides. J Med Chem. 2018 Dec 13;61(23):10767-10792.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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