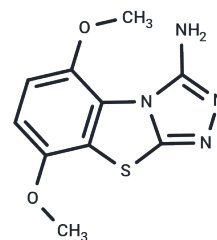


OUL232

Chemical Properties

CAS No. : 943119-42-4
 Formula: C₁₀H₁₀N₄O₂S
 Molecular Weight: 250.28
 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	OUL232 is a potent single ARTs PARP7, PARP10, PARP11, PARP12, PARP14 and PARP15 inhibitor for cancer and tumour research.
Targets(IC50)	PARP

Solubility Information

Solubility	DMSO: 30 mg/mL (119.87 mM), when pH is adjusted to 2 with HCl. Sonication and heating are 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 mg/mL (7.99 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	3.9955 mL	19.9776 mL	39.9553 mL
5 mM	0.7991 mL	3.9955 mL	7.9911 mL
10 mM	0.3996 mL	1.9978 mL	3.9955 mL
50 mM	0.0799 mL	0.3996 mL	0.7991 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

Murthy S, et al. [1,2,4]Triazolo[3,4-b]benzothiazole Scaffold as Versatile Nicotinamide Mimic Allowing Nanomolar Inhibition of Different PARP Enzymes. J Med Chem. 2023 Jan 4.

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