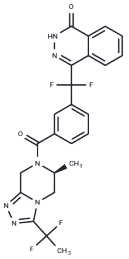
Data Sheet (Cat.No.T70138)

TargetMol

AZ0108

Chemical Properties



CAS No. : 1825345-52-5

Formula: C24H20F4N6O2

Molecular Weight: 500.45

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	AZ0108 is an orally bioavailable, potent PARP1,2,6 inhibitor that potently inhibits centrosome clustering and is suitable for in vivo efficacy and tolerability studies. AZ0108 has been utilized as in vitro tools and in vivo probes to investigate the biological consequences of inhibiting centrosome clustering through PARP enzymes. AZ0108 is more selective in its enzyme inhibition profile and effects on cellular pathways and phenotypes. Specifically, AZ0108 inhibits PARPs 1, 2, and 6 with approximately 100-fold selectivity against PARP3 and TNKS1. Consistent with this lack of potencytowards tankyrase, AZ0108 is not active in a DLD-1 Wnt luciferase reporter assay.
Targets(IC50)	Others,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9982 mL	9.991 mL	19.982 mL
5 mM	0.3996 mL	1.9982 mL	3.9964 mL
10 mM	0.1998 mL	0.9991 mL	1.9982 mL
50 mM	0.040 mL	0.1998 mL	0.3996 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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