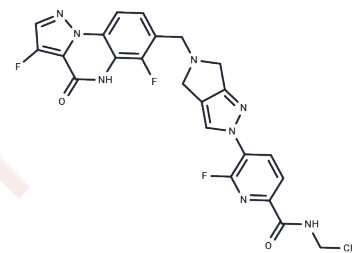


PARP1-IN-39

Chemical Properties

CAS No. :	3054988-47-2
Formula:	C ₂₄ H ₁₉ F ₃ N ₈ O ₂
Molecular Weight:	508.46
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	PARP1-IN-39 is an inhibitor of PARP1, with an IC ₅₀ value of 0.22 nM. In human breast cancer cells, its IC ₅₀ is 1.57 nM. PARP1-IN-39 is applicable for studying cancers associated with DNA repair deficiencies, such as breast, ovarian, pancreatic, and prostate cancers, particularly those with BRCA1/2 mutations.
Targets(IC ₅₀)	PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9667 mL	9.8336 mL	19.6672 mL
5 mM	0.3933 mL	1.9667 mL	3.9334 mL
10 mM	0.1967 mL	0.9834 mL	1.9667 mL
50 mM	0.0393 mL	0.1967 mL	0.3933 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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