

PARP1/CDK12-IN-1

Chemical Properties

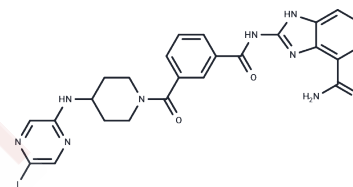
CAS No. :

Formula: C₂₅H₂₃N₈O₃

Molecular Weight: 610.406

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/CDK12-IN-1 (107) is a dual inhibitor that targets both CDK12 and PARP1, exhibiting IC ₅₀ values of 285 nM and 34 nM, respectively.
Targets(IC ₅₀)	CDK,PARP
In vitro	PARP1/CDK12-IN-1 (107) works synergistically to inhibit the proliferation of triple-negative breast cancer cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6382 mL	8.1912 mL	16.3824 mL
5 mM	0.3276 mL	1.6382 mL	3.2765 mL
10 mM	0.1638 mL	0.8191 mL	1.6382 mL
50 mM	0.0328 mL	0.1638 mL	0.3276 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

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