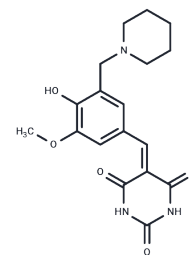


PARP1-IN-9

Chemical Properties

CAS No. : 2494000-71-2
Formula: C₁₈H₂₁N₃O₅
Molecular Weight: 359.38
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PARP1-IN-9 (Compound 5c) is a potent PARP1 inhibitor, displaying an IC ₅₀ of 30.51 nM. With its ability to induce cell apoptosis and exhibit anticancer activity, PARP1-IN-9 surpasses Olaparib in terms of efficacy [1].
In vitro	Compound 5c (PARP1-IN-9) exhibits antiproliferative effects, demonstrated by an IC ₅₀ value of 3.65 μM against the MDA-MB-436 cancer cell line [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7826 mL	13.9128 mL	27.8257 mL
5 mM	0.5565 mL	2.7826 mL	5.5651 mL
10 mM	0.2783 mL	1.3913 mL	2.7826 mL
50 mM	0.0557 mL	0.2783 mL	0.5565 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.

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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