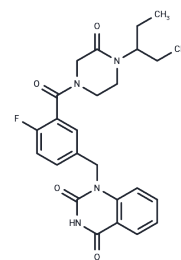


PARP7-IN-16 free base

Chemical Properties

CAS No. :	2136325-05-6
Formula:	C ₂₅ H ₂₇ N ₄ O ₄
Molecular Weight:	466.50
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	PARP7-IN-16 free base is the freebase form of PARP7-IN-16. As a selective oral inhibitor of PARP-1/2/7, it demonstrates IC ₅₀ values of 0.94, 0.87, and 0.21 nM, respectively. This compound is utilized in the research of breast and prostate cancer.
Targets(IC ₅₀)	PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1436 mL	10.7181 mL	21.4362 mL
5 mM	0.4287 mL	2.1436 mL	4.2872 mL
10 mM	0.2144 mL	1.0718 mL	2.1436 mL
50 mM	0.0429 mL	0.2144 mL	0.4287 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

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