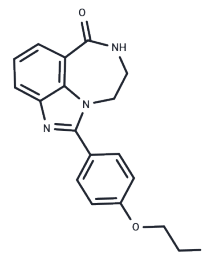


PARP1-IN-29

Chemical Properties

CAS No. :	1567375-93-2
Formula:	C18H16FN3O2
Molecular Weight:	325.34
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-29 is an orally active PARP-1 inhibitor with an IC50 of 6.3 nM. When labeled with [18F], PARP1-IN-29 can be utilized for positron emission tomography (PET) imaging, specifically targeting PARP-1 in tumors. This compound is useful in oncology and imaging studies, particularly for detecting PARP-1 activity in cancer.
Targets(IC50)	PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0737 mL	15.3685 mL	30.7371 mL
5 mM	0.6147 mL	3.0737 mL	6.1474 mL
10 mM	0.3074 mL	1.5369 mL	3.0737 mL
50 mM	0.0615 mL	0.3074 mL	0.6147 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