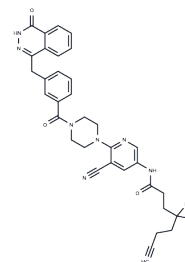


PARPYnD

Chemical Properties

CAS No. :	2561483-27-8
Formula:	C34H31N9O3
Molecular Weight:	613.67
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	PARPYnD is a potent photoaffinity probe for poly(ADP-ribose) polymerase (PARP) (IC50 values for PARP2, PARP1 and PARP6 are 6, 38 and 230 nM, respectively). PARPYnD labels PARP1 and PARP2 in the cell when an N3 functionalized fluorescent probe is attached and can inhibit isolated PARP6.
Targets(IC50)	Others,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6295 mL	8.1477 mL	16.2954 mL
5 mM	0.3259 mL	1.6295 mL	3.2591 mL
10 mM	0.163 mL	0.8148 mL	1.6295 mL
50 mM	0.0326 mL	0.163 mL	0.3259 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.

Reference

Howard et al (2020) Structure-guided design and in-cell target profiling of a cell-active target engagement probe for PARP inhibitors. ACS Chem.Biol. 15 325 PMID: 32017532

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