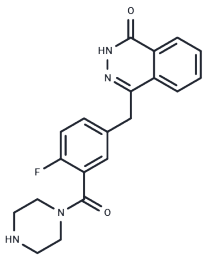
Data Sheet (Cat.No.T36571)

TargetMol

N-Descyclopropanecarbaldehyde Olaparib

Chemical Properties



CAS No. : 763111-47-3

Formula: C20H19FN4O2

Molecular Weight: 366.39

Storage: Keep away from direct sunlight
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	N-Descyclopropanecarbaldehyde Olaparib, an Olaparib analogue, incorporates a DOTA moiety. It acts as a CRBN-based ligand for the formation of novel dual EGFR and PARP PROTAC, DP-C-4[1]. N-Descyclopropanecarbaldehyde Olaparib is suitable for radiolabeling with F-18 or a fluorophore to visualize tumors using positron emission tomography (PET) or optical imaging[2].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,Ligands for Target Protein for PROTAC,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7293 mL	13.6467 mL	27.2933 mL
5 mM	0.5459 mL	2.7293 mL	5.4587 mL
10 mM	0.2729 mL	1.3647 mL	2.7293 mL
50 mM	0.0546 mL	0.2729 mL	0.5459 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

Tao Huang, et al. Initial evaluation of Cu-64 labeled PARPi-DOTA PET imaging in mice with mesothelioma. Bioorg Med Chem Lett. 2017 Aug 1;27(15):3472-3476.

Mengzhu Zheng, et al. Rational Design and Synthesis of Novel Dual PROTACs for Simultaneous Degradation of EGFR and PARP. J Med Chem. 2021 May 26.

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