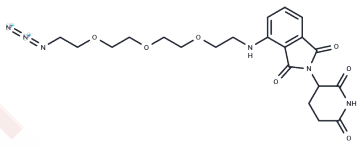
Data Sheet (Cat.No.T39806)

TargetMol

Pomalidomide 4'-PEG3-azide

Chemical Properties



CAS No. : 2271036-46-3

Formula: C21H26N6O7

Molecular Weight: 474.47

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	Pomalidomide 4'-PEG3-azide is a chemically synthesized E3 ligase ligand-linker conjugate that incorporates the cereblon ligand derived from Pomalidomide, along with a linker. This compound is utilized in the synthesis of iRucaparib-TP3 (Compound 3), an effective PARP1 degrader developed through the PROTAC strategy and derived from Rucaparib.
Targets(IC50)	E3 Ligase Ligand-Linker Conjugates

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1076 mL	10.5381 mL	21.0761 mL
5 mM	0.4215 mL	2.1076 mL	4.2152 mL
10 mM	0.2108 mL	1.0538 mL	2.1076 mL
50 mM	0.0422 mL	0.2108 mL	0.4215 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

Shuai Wang, et al. Uncoupling of PARP1 trapping and inhibition using selective PARP1 degradation. Nat Chem Biol. 2019 Dec;15(12):1223-1231.
Wang L,et al. Discovery of a first-in-class CDK2 selective degrader for AML differentiation therapy. Nat Chem Biol. 2021 May;17(5):567-575.

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