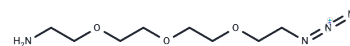


Amino-PEG3-C2-Azido

Chemical Properties

CAS No. :	134179-38-7
Formula:	C8H18N4O3
Molecular Weight:	218.2535
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Amino-PEG3-C2-Azido is a polyethylene glycol (PEG)-based linker used in the synthesis of iRucaparib-TP3, a PARP1 degrader [1].
Targets(IC50)	Others
In vitro	Pomalidomide, a CRBN ligand and recognized immunomodulatory imide drug (IMiD), is conjugated with Rucaparib via a tri(ethylene glycol) (PEG3) linker, resulting in a compound termed iRucaparib-TP3 (IMiD-Rucaparib with a triazole-PEG3 linker). This compound facilitates the degradation of PARP1[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5819 mL	22.9095 mL	45.819 mL
5 mM	0.9164 mL	4.5819 mL	9.1638 mL
10 mM	0.4582 mL	2.291 mL	4.5819 mL
50 mM	0.0916 mL	0.4582 mL	0.9164 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.

Reference

Wang S, et al. Uncoupling of PARP1 trapping and inhibition using selective PARP1 degradation. Nat Chem Biol. 2019 Dec;15(12):1223-1231.

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