

Lenalidomide-acetylene-C5-COOH

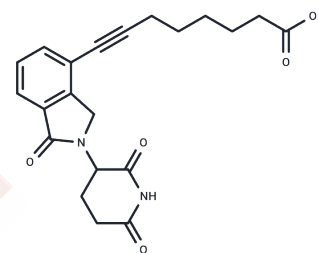
Chemical Properties

CAS No. :

Formula: C₂₁H₂₂N₂O₅

Molecular Weight: 382.41

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	Lenalidomide-acetylene-C5-COOH (compound 43; Cereblon ligand-linker Conjugate) is a Lenalidomide-based Cereblon ligand that facilitates CRBN protein recruitment and can be linked to the protein's ligand via a linker, forming a PROTAC[1].
Targets(IC50)	Others,E3 Ligase Ligand-Linker Conjugates,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.615 mL	13.075 mL	26.1499 mL
5 mM	0.523 mL	2.615 mL	5.230 mL
10 mM	0.2615 mL	1.3075 mL	2.615 mL
50 mM	0.0523 mL	0.2615 mL	0.523 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

Bai L, et al. A Potent and Selective Small-Molecule Degradator of STAT3 Achieves Complete Tumor Regression In Vivo. *Cancer Cell*. 2019 Nov 11;36(5):498-511.e17.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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