Data Sheet (Cat.No.T18391)

TargetMol

N-Boc-4-pentyne-1-amine

Chemical Properties

CAS No. : 151978-50-6

Formula: C10H17NO2

Molecular Weight: 183.248

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-Boc-4-pentyne-1-amine is an alkyl chain-based PROTAC linker compound used in the synthesis of PROTAC MG-277 [1].
Targets(IC50)	PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.457 mL	27.2851 mL	54.5703 mL
5 mM	1.0914 mL	5.457 mL	10.9141 mL
10 mM	0.5457 mL	2.7285 mL	5.457 mL
50 mM	0.1091 mL	0.5457 mL	1.0914 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

Yang J, et al. Simple Structural Modifications Converting a Bona fide MDM2 PROTAC Degrader into a Molecular Glue Molecule: A Cautionary Tale in the Design of PROTAC Degraders. J Med Chem. 2019 Oct 21.

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