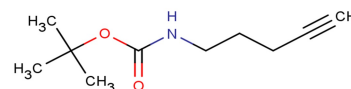


N-Boc-4-pentyne-1-amine

Chemical Properties

CAS No.:	151978-50-6
Formula:	C ₁₀ H ₁₇ NO ₂
Molecular Weight:	183.25
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	N-Boc-4-pentyne-1-amine is a PROTAC linker, which refers to the alkyl chain composition. N-Boc-4-pentyne-1-amine can be used in the synthesis of the PROTAC MG-277[1].
Targets(IC ₅₀)	Alkyl-Chain: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.457 mL	27.285 mL	54.57 mL
5 mM	1.091 mL	5.457 mL	10.914 mL
10 mM	0.546 mL	2.729 mL	5.457 mL
50 mM	0.109 mL	0.546 mL	1.091 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481