

7-Octynoic acid

Chemical Properties

CAS No. : 10297-09-3

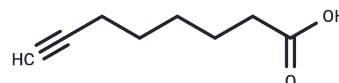
Formula: C₈H₁₂O₂

Molecular Weight: 140.18

Keep away from direct sunlight

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	7-Octynoic acid (compound 42) serves as a PROTAC linker for synthesizing various PROTACs, composed of two distinct ligands joined by this linker, where one ligand interacts with an E3 ubiquitin ligase and the other binds to the target protein, leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].
Targets(IC50)	Others,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.1337 mL	35.6684 mL	71.3369 mL
5 mM	1.4267 mL	7.1337 mL	14.2674 mL
10 mM	0.7134 mL	3.5668 mL	7.1337 mL
50 mM	0.1427 mL	0.7134 mL	1.4267 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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