

Aminoxy-PEG3-C2-thiol

Chemical Properties

CAS No. : 1200365-63-4

Formula: C₈H₁₉NO₄S

Molecular Weight: 225.3

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	Aminoxy-PEG3-thiol HCl salt is an Aminoxy PEG Linker. PEG Linkers may be useful in the development of antibody-drug conjugates and drug delivery methods.
Targets(IC50)	Others,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4385 mL	22.1926 mL	44.3853 mL
5 mM	0.8877 mL	4.4385 mL	8.8771 mL
10 mM	0.4439 mL	2.2193 mL	4.4385 mL
50 mM	0.0888 mL	0.4439 mL	0.8877 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

Grover GN, Lee J, Matsumoto NM, Maynard HD. Aminoxy and Pyridyl Disulfide Telechelic Poly(Polyethylene Glycol Acrylate) by RAFT Polymerization. *Macromolecules*. 2012 Jun 26;45(12):4858-4965. PubMed PMID: 24648600; PubMed Central PMCID: PMC3956054.

Boehnke N, Cam C, Bat E, Segura T, Maynard HD. Imine Hydrogels with Tunable Degradability for Tissue Engineering. *Biomacromolecules*. 2015 Jul 13;16(7):2101-8. doi: 10.1021/acs.biomac.5b00519. Epub 2015 Jul 1. PubMed PMID: 26061010; PubMed Central PMCID: PMC4583069.

Carberry P, Carpenter AP, Kung HF. Fluoride-18 radiolabeling of peptides bearing an aminoxy functional group to a prosthetic ligand via an oxime bond. *Bioorg Med Chem Lett*. 2011 Dec 1;21(23):6992-5. doi: 10.1016/j.bmcl.2011.09.124. Epub 2011 Oct 5. PubMed PMID: 22024031; PubMed Central PMCID: PMC3229035.

Mancini RJ, Paluck SJ, Bat E, Maynard HD. Encapsulated Hydrogels by E-beam Lithography and Their Use in Enzyme Cascade Reactions. *Langmuir*. 2016 Apr 26;32(16):4043-51. doi: 10.1021/acs.langmuir.6b00560. Epub 2016 Apr 14. PubMed PMID: 27078573; PubMed Central PMCID: PMC4852853.

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