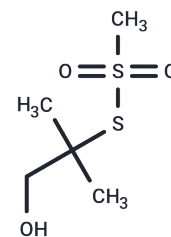


S-(1-Hydroxy-2-methylpropan-2-yl) methanesulfonylthioate

Chemical Properties

CAS No. :	2127875-65-2
Formula:	C ₅ H ₁₂ O ₃ S ₂
Molecular Weight:	184.28
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	S-(1-Hydroxy-2-methylpropan-2-yl) methanesulfonylthioate, an ADC linker, is a glutathione-cleavable compound used for attaching monoclonal antibodies (mAb) in antibody-drug conjugates (ADCs), specifically referring to the Alkyl-Chain composition of the linker portion of these molecules [1].
Targets(IC50)	ADC Linker, PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4265 mL	27.1326 mL	54.2652 mL
5 mM	1.0853 mL	5.4265 mL	10.853 mL
10 mM	0.5427 mL	2.7133 mL	5.4265 mL
50 mM	0.1085 mL	0.5427 mL	1.0853 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

Pillow TH, et al. Antibody Conjugation of a Chimeric BET Degradator Enables in vivo Activity. ChemMedChem. 2019 Oct 31.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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