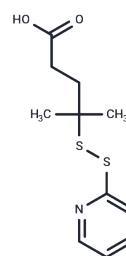


4-Methyl-4-(pyridin-2-yl)disulfanyl)pentanoic acid

Chemical Properties

CAS No. :	1537891-69-2
Formula:	C ₁₁ H ₁₅ NO ₂ S ₂
Molecular Weight:	257.37
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	4-Methyl-4-(pyridin-2-yl)disulfanyl)pentanoic acid is a cleavable linker compound used in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8855 mL	19.4273 mL	38.8546 mL
5 mM	0.7771 mL	3.8855 mL	7.7709 mL
10 mM	0.3885 mL	1.9427 mL	3.8855 mL
50 mM	0.0777 mL	0.3885 mL	0.7771 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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