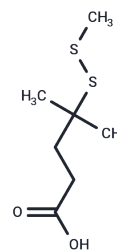


## 4-Methyl-4-(methylsulfonyl)pentanoic acid

## Chemical Properties

CAS No. :	796073-55-7
Formula:	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	194.32
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-(methylsulfonyl)pentanoic acid is an ADC linker used in the synthesis of antibody-drug conjugates (ADCs) and is designed to be cleavable.
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	5.1462 mL	25.7308 mL	51.4615 mL
5 mM	1.0292 mL	5.1462 mL	10.2923 mL
10 mM	0.5146 mL	2.5731 mL	5.1462 mL
50 mM	0.1029 mL	0.5146 mL	1.0292 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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