

## (Me)Tz-butanoic acid

## Chemical Properties

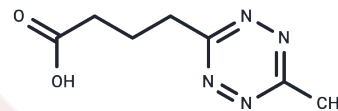
CAS No. : 1923268-81-8

Formula: C7H10N4O2

Molecular Weight: 182.18

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	(Me)Tz-butanoic acid is a chemical reagent featuring a tetrazine moiety that reacts with molecules containing TCO groups through an inverse electron-demand Diels-Alder reaction (iEDDA). This reagent is utilized as a tetrazine linker that pairs with dienophilic molecules via a copper-free Click reaction (notably the Diels-Alder reaction). Additionally, (Me)Tz-butanoic acid serves as a potent click chemistry tool due to its componentry.
Targets(IC50)	ADC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4891 mL	27.4454 mL	54.8908 mL
5 mM	1.0978 mL	5.4891 mL	10.9782 mL
10 mM	0.5489 mL	2.7445 mL	5.4891 mL
50 mM	0.1098 mL	0.5489 mL	1.0978 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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