

## TAMRA-PEG4-methyltetrazine

## Chemical Properties

CAS No. : 2163772-19-6

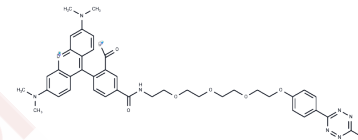
Formula: C42H45N7O8

Molecular Weight: 775.85

Keep away from direct sunlight

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	TAMRA-PEG4-methyltetrazine is a polyethylene glycol (PEG)-based linker employed for synthesizing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands linked together: one targets an E3 ubiquitin ligase, and the other binds the target protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2889 mL	6.4445 mL	12.8891 mL
5 mM	0.2578 mL	1.2889 mL	2.5778 mL
10 mM	0.1289 mL	0.6445 mL	1.2889 mL
50 mM	0.0258 mL	0.1289 mL	0.2578 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481