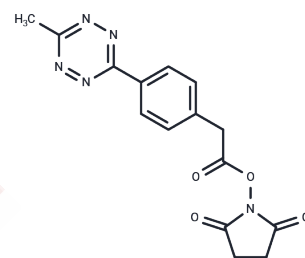


Methyltetrazine-Ph-NHS ester

Chemical Properties

CAS No. :	1644644-96-1
Formula:	C ₁₅ H ₁₃ N ₅ O ₄
Molecular Weight:	327.29
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Methyltetrazine-Ph-NHS ester is an alkyl/ether-based linker used in synthesizing PROTACs (proteolysis-targeting chimeras)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, containing two distinct ligands linked together—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0554 mL	15.277 mL	30.5539 mL
5 mM	0.6111 mL	3.0554 mL	6.1108 mL
10 mM	0.3055 mL	1.5277 mL	3.0554 mL
50 mM	0.0611 mL	0.3055 mL	0.6111 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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