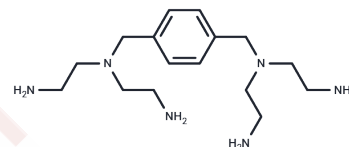


Benzenedimethanamine-diethylamine

Chemical Properties

CAS No. :	71277-17-3
Formula:	C16H32N6
Molecular Weight:	308.47
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	Benzenedimethanamine-diethylamine is a derivatized linker compound derived from an alkyl chain. It serves as a valuable component in the synthesis of PROTACs, a class of compounds used for targeted protein degradation[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase, while the other targets a specific protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2418 mL	16.209 mL	32.4181 mL
5 mM	0.6484 mL	3.2418 mL	6.4836 mL
10 mM	0.3242 mL	1.6209 mL	3.2418 mL
50 mM	0.0648 mL	0.3242 mL	0.6484 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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