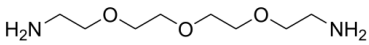
Data Sheet

Product Name:	Amino-PEG3-C2-Amine
Cat. No.:	CS-W015804
CAS No.:	929-75-9
Molecular Formula:	$C_8H_{20}N_2O_3$
Molecular Weight:	192.26
Target:	PROTAC Linkers
Pathway:	PROTAC
Solubility:	H2O : 100 mg/mL (520.13 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Amino-PEG3-C2-Amine is a PEG-based (3 units) **PROTAC** linker can be used in the synthesis of PROTACs. ***In Vitro:*** PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

References:

[1]. Lepage ML, et al. Design, synthesis and photochemical properties of the first examples of iminosugar clustersbased on fluorescent cores. Beilstein J Org Chem. 2015 May 6;11:659-67.

CAIndexNames:

Ethanamine, 2,2'-[oxybis(2,1-ethanediyloxy)]bis-

SMILES:

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