Amino-PEG8-amine

Cat. No.: HY-130659

CAS No.: 82209-36-7

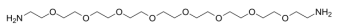
Molecular Formula: $C_{18}H_{40}N_2O_8$

Molecular Weight: 412.52

Target: PROTAC Linkers

Pathway: PROTAC

Storage: 4°C, protect from light
* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (242.41 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	2.4241 mL	12.1206 mL	24.2412 mL
	5 mM	0.4848 mL	2.4241 mL	4.8482 mL
	10 mM	0.2424 mL	1.2121 mL	2.4241 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Amino-PEG8-amine is a PEG-based (8 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.
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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