

Amino-PEG10-amine

Chemical Properties

CAS No. :	928292-69-7
Formula:	C22H48N2O10
Molecular Weight:	500.62
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	Amino-PEG10-amine is a PEG-based PROTAC linker employed for the conjugation of two mono diethylstilbestrol (DES)-based ligands. This compound offers an alternative approach to the synthesis of highly selective and active ER antagonists, which are crucial for the advancement of endocrine therapy in breast cancer treatment[1].
Targets(IC50)	Others,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9975 mL	9.9876 mL	19.9752 mL
5 mM	0.3995 mL	1.9975 mL	3.995 mL
10 mM	0.1998 mL	0.9988 mL	1.9975 mL
50 mM	0.040 mL	0.1998 mL	0.3995 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

Shan M, et al. Nonsteroidal bivalent estrogen ligands: an application of the bivalent concept to the estrogen receptor. ACS Chem Biol. 2013 Apr 19;8(4):707-15.

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