Data Sheet (Cat.No.T18444)

TargetMol®
YOUR TARGET MOLECULES

N-methyl-N'-(azide-PEG3)-Cy3

Chemical Properties

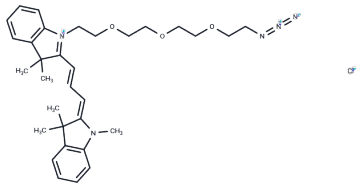
CAS No. :

Formula: C32H42ClN5O3

Molecular Weight: 580.16

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	N-methyl-N'-(azide-PEG3)-Cy3 is a PEG-based linker compound designed for use in the synthesis of PROTACs[1].
Targets(IC50)	Others
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[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7237 mL	8.6183 mL	17.2366 mL
5 mM	0.3447 mL	1.7237 mL	3.4473 mL
10 mM	0.1724 mL	0.8618 mL	1.7237 mL
50 mM	0.0345 mL	0.1724 mL	0.3447 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.

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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481