
Product Data Sheet

Product Name: Biotin-PEG4-Picolyl azide

Cat. No.: GC60082

Chemical Properties

Cas. No. 2222687-71-8

SMILES O=C(NC1=CC=C(CN=[N+]=[N-])N=C1)CCOCCOCCOCCOCCNC(CCCC[C@@H]2SC[C@]([C@]2([H])N3) ([H])NC3=O)=O

Formula C₂₇H₄₂N₈O₇S

M.Wt

622.74

Solubility

Storage

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Biotin-PEG4-Picolyl azide is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].

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].

[1]. 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

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

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