
Product Data Sheet

Product Name: Sulfo DBCO-PEG4-amine

Cat. No.: GC61307

Chemical Properties

Cas. No. 2055198-05-3

SMILES O=S(C(CNC(CCOCCOCCOCCOCCN)=O)C(NCCC(N1C2=CC=CC=C2CCC3=CC=CC=C3C1)=O)=O)(O)=O

Formula $C_{32}H_{46}N_4O_{10}S$

M.Wt

678.79

Solubility

Storage

Store at -20°C

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

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

Structure

Background

Sulfo DBCO-PEG4-amine 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA