
Product Data Sheet

Product Name: Phthalimide-PEG3-C2-OTs

Cat. No.: GC67186

Chemical Properties

Cas. No. 382162-12-1

Formula $C_{23}H_{27}NO_8S$ M.Wt 477.53

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Phthalimide-PEG3-C2-OTs (Compound 5) is a PROTAC linker, which refers to the PEGs composition. Phthalimide-PEG3-C2-OTs can be used in the synthesis of a series of PROTACs. 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]. Stegmaier P, et al. Photoactive branched and linear surface architectures for functional and patterned immobilization of proteins and cells onto surfaces: a comparative study. Chemphyschem. 2009 Feb 2;10(2):357-69.

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