

Product Data Sheet

Product Name: Glutarimide-Isoindolinone-NH-PEG4-COOH

Cat. No.: GC62232

Chemical Properties

Cas. No.

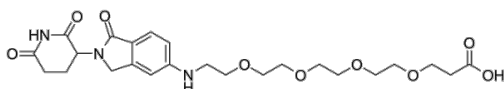
Formula $C_{24}H_{33}N_3O_9$ M.Wt 507.53

Solubility DMSO : 180 mg/mL (354.66 mM; Storage -20°C, protect from light
Need ultrasonic)

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

Glutarimide-Isoindolinone-NH-PEG4-COOH is a synthesized E3 ligase ligand-linker conjugate that incorporates a cereblon ligand and a linker used in PROTAC technology[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[2].

[1]. Sato T, et al. Cereblon-Based Small-Molecule Compounds to Control Neural Stem Cell

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

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Proliferation in Regenerative Medicine. Front Cell Dev Biol. 2021;9:629326. Published 2021 Mar 11.
[2]. Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-1006.

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