
Product Data Sheet

Product Name: Pomalidomide-PEG4-azide

Cat. No.: GC61202

Chemical Properties

Cas. No. 2271036-47-4

SMILES O=C1N(C(CC2)C(NC2=O)=O)C(C3=C1C=CC=C3NCCOCCOCCOCCOCCN=[N+]=[N-])=O

Formula $C_{23}H_{30}N_6O_8$ M.Wt 518.52

Solubility Storage $-20^{\circ}C$, protect from light

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

Pomalidomide-PEG4-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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