

Product Data Sheet

Product Name: Pomalidomide-PEG1-C2-N3

Cat. No.: GC61200

Chemical Properties

Cas. No. 2271036-44-1

SMILES O=C1N(C(CC2)C(=O)N2)C(=O)C(C3=C1C=CC=C3NCCOCCN=[N+]=[N-])=O

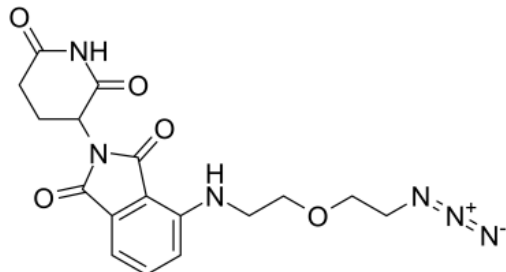
Formula $C_{17}H_{18}N_6O_5$ M.Wt 386.36

Solubility Storage -20°C, stored under nitrogen

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

Pomalidomide-PEG1-C2-N3 is a synthesized E3 ligase ligand-linker conjugate that incorporates the Pomalidomide based cereblon ligand and 1-unit PEG linker used in PROTAC technology. Pomalidomide-PEG1-C2-N3 can be used to design a selective CDK6 PROTAC degrader CP-10. CP-10 induces the degradation of CDK6 with an DC50 of 2.1 nM[1].

[1]. Su S, et al. Potent and Preferential Degradation of CDK6 via Proteolysis Targeting Chimera Degradation. J Med Chem. 2019 Aug 2.

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

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