
Product Data Sheet

Product Name: Thalidomide-NH-C2-PEG3-OH

Cat. No.: GC67504

Chemical Properties

Cas. No. 2140807-23-2

Formula $C_{21}H_{27}N_3O_8$ M.Wt 449.45

Solubility Storage Store at -20°C

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

Thalidomide-NH-C2-PEG3-OH is an E3 ligase ligand-linker conjugate that incorporates Thalidomide based cereblon ligand and a linker used for PROTAC BCL-XL degrader XZ739^[1].

XZ739, a CRBN-dependent **PROTAC BCL-XL degrader** with a **DC₅₀** value of 2.5 nM in MOLT-4 cells after 16 h treatment. XZ739 also induces cell death through caspase-mediated **apoptosis**^[1].

[1]. Xuan Zhang, et al. Discovery of PROTAC BCL-X L Degradation Agents as Potent Anticancer Agents With Low On-Target Platelet Toxicity. Eur J Med Chem. 2020 Apr 15;192:112186.

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

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