
Product Data Sheet

Product Name: Thalidomide 4'-oxyacetamide-PEG4-amine

Cat. No.: GC50463

Chemical Properties

Cas. No. 2245697-85-0

SMILES O=C(C1=C(C(OCC(OCCOCCOCCOCCOCCN)=O)=CC=C1)C2=O)N2C(C(N3)=O)CCC3=O.Cl

Formula C₂₅H₃₄N₄O₁₀.HCl

M.Wt

587.02

Solubility Soluble in DMSO

Storage

Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure

Background

Functionalized cereblon ligand for PROTAC® research and development; incorporates an E3 ligase ligand plus a PEG linker ready for conjugation to a target protein ligand. Part of a range of functionalized tool molecules for PROTAC R&D. This product has been recently renamed. The previous name for this product was Thalidomide - linker 2 PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

Winter et al (2015) Drug development. Phthalimide conjugation as a strategy for in vivo target protein degradation. Science 348 1376 PMID:25999370 |Salami et al (2017) Waste disposal-An attractive strategy for cancer therapy. Science 355 1163 PMID:28302825

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

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