
Product Data Sheet

Product Name: Thalidomide-NH-C6-NH2

Cat. No.: GC67327

Chemical Properties

Cas. No. 2093386-50-4

Formula $C_{19}H_{24}N_4O_4$ M.Wt 372.42

Solubility Storage Store at $-20^{\circ}C$

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

Thalidomide-NH-C6-NH2 is a synthesized **E3 ligase ligand-linker conjugate** that incorporates the Thalidomide based 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.

[1]. Wang Z, et al. Proteolysis Targeting Chimeras for the Selective Degradation of Mcl-1/Bcl-2 Derived from Nonselective Target Binding Ligands. J Med Chem. 2019 Sep 12;62(17):8152-8163.

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

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