

Product Data Sheet

Product Name: Thalidomide-O-amido-PEG2-Mal

Cat. No.: GC81016

Chemical Properties

Cas. No.

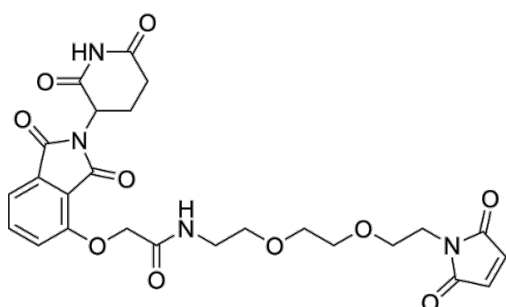
Formula $C_{25}H_{26}N_4O_{10}$ M.Wt 542.49

Solubility DMSO: 8.33 mg/mL (15.36 mM; Need ultrasonic) Storage Store at -20°C, sealed storage, away from moisture and light

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-O-amido-PEG2-Mal is an E3 ubiquitin ligase cereblon (CRBN) ligand used to recruit the cereblon protein. Thalidomide-O-amido-PEG2-Mal can be linked to a target protein ligand via a linker to form a PROTAC.

In Vitro, 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.

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

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