

Product Data Sheet

Product Name: Thalidomide-O-C2-alkyne

Cat. No.: GC80898

Chemical Properties

Cas. No. 2357110-34-8

Formula $C_{17}H_{14}N_2O_5$

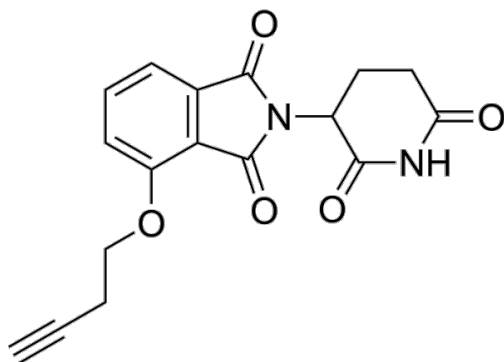
M.Wt 326.31

Solubility Storage Store at 4°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

Thalidomide-O-C2-alkyne is an E3 ligase ligand-linker conjugate containing a CRBN-based ligand and linker, which can be used to synthesize 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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