
Product Data Sheet

Product Name: Thalidomide-NH-C6-NH-Boc

Cat. No.: GC39728

Chemical Properties

Cas. No. 2093536-13-9

SMILES O=C(OC(C)(C)C)NCCCCCNC1=CC=CC(C(N2C(CC3)C(NC3=O)=O)=O)=O=C1C2=OFormula $C_{24}H_{32}N_4O_6$ M.Wt 472.53

Solubility Soluble in DMSO 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-C6-NH-Boc is a synthesized E3 ligase ligand-linker conjugate that incorporates the Thalidomide based cereblon ligand and a linker used for MI-389 (compound 22) synthesis. MI-389 is a potent phthalimide PROTAC degrader based on the multi-targeted receptor tyrosine kinase inhibitor sunitinib [1].

[1]. Mette Ishoey, et al. Translation Termination Factor GSPT1 Is a Phenotypically Relevant Off-Target of Heterobifunctional Phthalimide Degraders. ACS Chem Biol. 2018 Mar 16;13(3):553-560.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
