

Product Data Sheet

Product Name: Thalidomide-5-OH

Cat. No.: GC60361

Chemical Properties

Cas. No. 64567-60-8

SMILES O=C1N(C(CC2)C(=O)N2)C(=O)C(C3=C1C=CC(O)=C3)=O

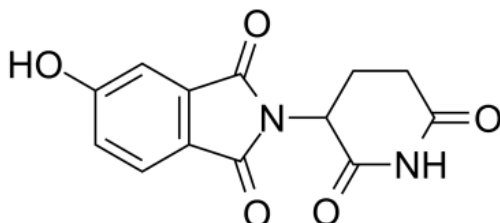
Formula $C_{13}H_{10}N_2O_5$ M.Wt 274.23

Solubility DMSO: 62.5 mg/mL (227.91 mM) 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-5-OH is the Thalidomide-based cereblon ligand used in the recruitment of CRBN protein. Thalidomide-5-OH can be connected to the ligand for protein by a linker to form PROTACs[1].

[1]. Megan G Marks, et al. Effects of Putative Hydroxylated Thalidomide Metabolites on Blood Vessel Density in the Chorioallantoic Membrane (CAM) Assay and on Tumor and Endothelial Cell Proliferation. Biol Pharm Bull. 2002 May;25(5):597-604.

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

Product Data Sheet

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