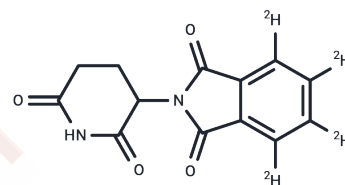


Thalidomide-D4

Chemical Properties

CAS No. :	1219177-18-0
Formula:	C ₁₃ H ₁₀ N ₂ O ₄
Molecular Weight:	262.25
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Thalidomide-D4 is a deuterium labeled Thalidomide (T0213), has immunomodulatory, anti-inflammatory and anti-angiogenic cancer properties.
Targets(IC50)	Apoptosis, Autophagy, Ligands for E3 Ligase, Molecular Glues

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8132 mL	19.0658 mL	38.1316 mL
5 mM	0.7626 mL	3.8132 mL	7.6263 mL
10 mM	0.3813 mL	1.9066 mL	3.8132 mL
50 mM	0.0763 mL	0.3813 mL	0.7626 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Fischer ES, et al. Structure of the DDB1-CRBN E3 ubiquitin ligase in complex with thalidomide. Nature. 2014 Aug 7; 512(7512):49-53.

Sun X, et al. Synergistic Inhibition of Thalidomide and Icotinib on Human Non-Small Cell Lung Carcinomas Through ERK and AKT Signaling. Med Sci Monit. 2018 May 15;24:3193-3203.

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