

Product Data Sheet

Product Name: N-Methylthalidomide

Cat. No.: GC80971

Chemical Properties

Cas. No. 42472-93-5

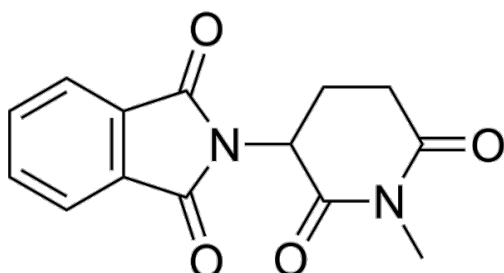
Formula $C_{14}H_{12}N_2O_4$ M.Wt 272.26

Solubility DMSO: 100 mg/mL (367.30 mM; Need ultrasonic) 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

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

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N-Methylthalidomide is a cereblon ligand derivative that acts as an E3 ubiquitin ligase ligand for the synthesis of PROTAC LLC0424 N. LLC0424 N serves as a negative control for NSD2 PROTAC degrader LLC0424, with weak ability to induce NSD2 degradation and low growth inhibitory effect on cancer cells carrying NSD2 mutations [1].

References:

[1]. Liu L, et al. Discovery of LLC0424 as a Potent and Selective in Vivo NSD2 PROTAC Degradation[J]. Journal of Medicinal Chemistry, 2024, 67(9): 6938-6951.

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