

Product Data Sheet

Product Name: MDEG-541

Cat. No.: GC73299

Chemical Properties

Cas. No.

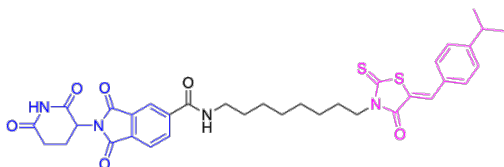
Formula $C_{35}H_{38}N_4O_6S_2$ M.Wt 674.83

Solubility DMSO : 116.67 mg/mL (172.89 mM; Storage -20°C
Need ultrasonic)

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

MDEG-541 is a potent MYC-MAX degrader. MDEG-541 is a PROTAC that based on the MYC-MAX dimerization inhibitor 10058-F4 derivative 28RH and Thalidomide . MDEG-541 shows antiproliferative

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

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activity. MDEG-541 decreases the expression of GSPT1, MYC, GSPT2, PLK1 protein.

MDEG-541 (10 μ M; 3, 12, 24 h) decreases the expression of GSPT1, MYC, GSPT2, PLK1 protein in a time-dependent manner in KP4 cells[1].

References:

[1]. Lier S, et al. A novel Cereblon E3 ligase modulator with antitumor activity in gastrointestinal cancer. Bioorg Chem. 2022 Feb;119:105505.

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