

Product Data Sheet

Product Name: PROTAC EZH2 Degradar-2

Cat. No.: GC73728

Chemical Properties

Cas. No.

Formula C₇₇H₉₃Cl₂N₁₃O₁₂

M.Wt 1463.55

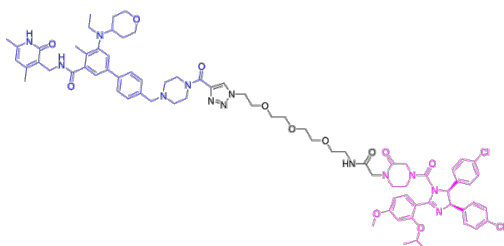
Solubility DMSO : 100 mg/mL (68.33 mM;
Need ultrasonic)

Storage 4°C, stored under nitrogen

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

PROTAC EZH2 Degradar-2 (compound E-3P-MDM2), an EZH2 inhibitor, is a PROTAC composed of

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

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Tazemetostat (EPZ6438) and an E3 ligase system ligand. PROTAC EZH2 Degradar-2 degrades EZH2 in SU-DHL-6 cells in a dose-dependent manner, inhibits the expression of H3K27me3, and simultaneously degrades EED and SUZ12 proteins without affecting their mRNA levels. PROTAC EZH2 Degradar-2 has anti-cancer and anti-proliferative activity.

References:

[1]. Xie H et al. Design, synthesis and evaluation of EZH2-based PROTACs targeting PRC2 complex in lymphoma. Bioorg Chem. 2023 Nov;140:106762.

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