

Product Data Sheet

Product Name: PROTAC EED degrader-2

Cat. No.: GC62717

Chemical Properties

Cas. No. 2639882-69-0

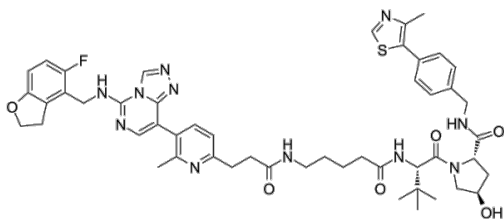
Formula $C_{50}H_{58}FN_{11}O_6S$ M.Wt 960.13

Solubility DMSO : 100 mg/mL (104.15 mM; Storage 4°C, protect from light
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

PROTAC EED degrader-2 is a PROTAC targeting EED with a pKD of 9.27. PROTAC EED degrader-2 is a polycomb repressive complex 2 (PRC2) inhibitor (pIC₅₀=8.11) targeting the EED subunit[1].

PROTAC EED degrader-2 (Compound PROTAC 1) binds to EED with a pKD of 9.27±0.05 and inhibits PRC2 function with a pIC₅₀ of 8.11±0.09[1]. PROTAC EED degrader-2 (0.01-100 μM; 14

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

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days) can potentially inhibit proliferation of an EZH2 mutant DLBCL cell line Karpas422[1]. PROTAC EED degrader-2 (0.1-3 μ M; 48 hours) reduces the protein levels of EED, EZH2, H3K27me3 in Karpas422 cells[1]. PROTAC EED degrader-2 (1 μ M ; 1-24 h) promotes degradation of EED, EZH2, and SUZ12 in Karpas422 cells[1].

[1]. Hsu JH, et al. EED-Targeted PROTACs Degrade EED, EZH2, and SUZ12 in the PRC2 Complex. Cell Chem Biol. 2019 Nov 26. pii: S2451-9456(19)30362-9.

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