

Product Data Sheet

Product Name: PROTAC BET Degradar-12

Cat. No.: GC73819

Chemical Properties

Cas. No.

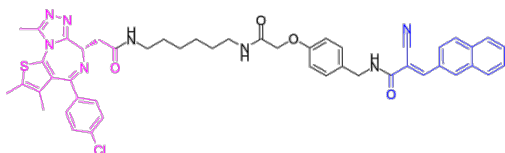
Formula $C_{48}H_{47}ClN_8O_4S$ M.Wt 867.46

Solubility DMSO : 100 mg/mL (115.28 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

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

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PROTAC BET Degradator-12 (Compound 8b) is a PROTAC degrader for bromodomain and extra-terminal domain (BET)-containing proteins, which degrades the BRD3 and BRD4 in a DCAF11-dependent manner. PROTAC BET Degradator-12 inhibits cell viability of KBM7 with a DC50 of 305.2 nM. (Pink: ligand for target protein (+)-JQ-1 ; Black: linker ; Blue: ligand for E3 ligase)

References:

[1]. Tin G, et al., Discovery of a DCAF11-dependent cyanoacrylamide-containing covalent degrader of BET-proteins. Bioorg Med Chem Lett. 2024 Jul 15;107:129779.

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