Product Data Sheet

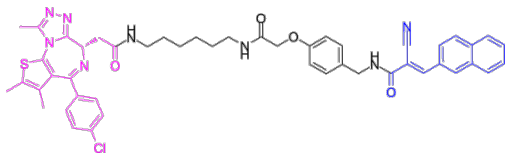
Product Name: PROTAC BET Degrader-12
Cat. No.: GC73819

Chemical Properties

Cas. No.

Formula	$C_{48}H_{47}ClN_8O_4S$	M.Wt	867.46
Solubility	DMSO : 100 mg/mL (115.28 mM; Need ultrasonic)	Storage	4°C, protect from light
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

Product Data Sheet

PROTAC BET Degrader-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 Degrader-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.

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

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