

BET-IN-6

Chemical Properties

CAS No. : 2570470-39-0

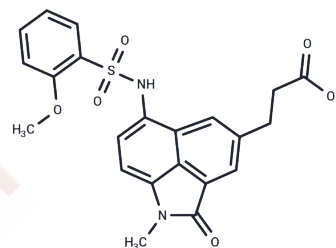
Formula: C₂₂H₂₀N₂O₆S

Molecular Weight: 440.47

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|--|
| Description | BET-IN-6, a ligand with potent and high affinity for inhibiting BRD2/BRD4, plays a crucial role in the synthesis of PROTAC BRD2/BRD4 degrader-1 [1], targeting the protein BRD2/4. |
| Targets(IC50) | Epigenetic Reader Domain,Ligands for Target Protein for PROTAC |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 2.2703 mL | 11.3515 mL | 22.703 mL |
| 5 mM | 0.4541 mL | 2.2703 mL | 4.5406 mL |
| 10 mM | 0.227 mL | 1.1352 mL | 2.2703 mL |
| 50 mM | 0.0454 mL | 0.227 mL | 0.4541 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Jiang F, et al. Discovery of novel small molecule induced selective degradation of the bromodomain and extra-terminal (BET) bromodomain protein BRD4 and BRD2 with cellular potencies. *Bioorg Med Chem.* 2020 Jan 1;28(1): 115181.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481