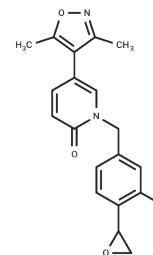


ZEN-3862

Chemical Properties

CAS No. : 1952264-33-3
 Formula: C₁₉H₁₇FN₂O₃
 Molecular Weight: 340.35
 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 | ZEN-3862 (Willardiine) is an inhibitor of BET (IC ₅₀ s of 0.16 and 0.13 μM for BRD4(BD1) and BRD4(BD2), respectively). ZEN-3862 can be used to form PROTACs to induce degradation of BRD4. |
| Targets(IC ₅₀) | Epigenetic Reader Domain |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9382 mL | 14.6908 mL | 29.3815 mL |
| 5 mM | 0.5876 mL | 2.9382 mL | 5.8763 mL |
| 10 mM | 0.2938 mL | 1.4691 mL | 2.9382 mL |
| 50 mM | 0.0588 mL | 0.2938 mL | 0.5876 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

Kharenko OA, et al. Design and Characterization of Novel Covalent Bromodomain and Extra-Terminal Domain (BET) Inhibitors Targeting a Methionine. J Med Chem. 2018 Sep 27;61(18):8202-8211.

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