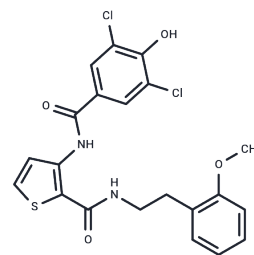


HSD17B13-IN-31

Chemical Properties

CAS No. : 2758802-33-2
 Formula: C₂₁H₁₈Cl₂N₂O₄S
 Molecular Weight: 465.35
 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 | HSD17B13-IN-31 (compound 32) serves as a highly effective inhibitor of hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), demonstrating an IC ₅₀ of less than 0.1 μ M and less than 1 μ M when using estradiol and Leukotriene B ₃ as substrates, respectively. This compound is critical in managing nonalcoholic fatty liver diseases (NAFLDs), including nonalcoholic steatohepatitis (NASH) [1]. |
| Targets(IC ₅₀) | Dehydrogenase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1489 mL | 10.7446 mL | 21.4892 mL |
| 5 mM | 0.4298 mL | 2.1489 mL | 4.2978 mL |
| 10 mM | 0.2149 mL | 1.0745 mL | 2.1489 mL |
| 50 mM | 0.043 mL | 0.2149 mL | 0.4298 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.

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