

HSD17B13-IN-62

Chemical Properties

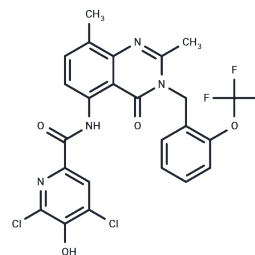
CAS No. : 2770247-32-8

Formula: C₂₄H₁₇Cl₂F₃N₄O₄

Molecular Weight: 553.32

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-62 (141) serves as an inhibitor of 17β-Hydroxysteroid dehydrogenases (HSD17B13), exhibiting potent activity with an IC ₅₀ of <0.1 μM against Estradiol. It is primarily utilized in the study of NAFLD (Nonalcoholic fatty liver diseases) [1]. |
| Targets(IC ₅₀) | Dehydrogenase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8073 mL | 9.0364 mL | 18.0727 mL |
| 5 mM | 0.3615 mL | 1.8073 mL | 3.6145 mL |
| 10 mM | 0.1807 mL | 0.9036 mL | 1.8073 mL |
| 50 mM | 0.0361 mL | 0.1807 mL | 0.3615 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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