

HSD17B13-IN-93

Chemical Properties

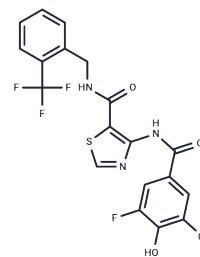
CAS No. : 2848620-87-9

Formula: C₁₉H₁₂ClF₄N₃O₃S

Molecular Weight: 473.83

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-93 (Compound 9) acts as an inhibitor targeting hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), exhibiting an IC ₅₀ for estradiol ranging between greater than 0.1 μ M and up to 0.5 μ M. Its application extends to the study of liver, metabolic, and cardiovascular diseases including NAFLD and NASH, alongside drug-induced liver injury (DILI) [1]. |
| Targets(IC50) | Dehydrogenase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1105 mL | 10.5523 mL | 21.1046 mL |
| 5 mM | 0.4221 mL | 2.1105 mL | 4.2209 mL |
| 10 mM | 0.211 mL | 1.0552 mL | 2.1105 mL |
| 50 mM | 0.0422 mL | 0.211 mL | 0.4221 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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