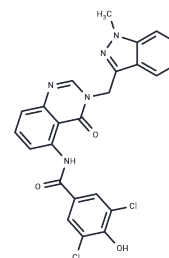


HSD17B13-IN-59

Chemical Properties

CAS No. : 2770247-11-3
 Formula: C₂₄H₁₇Cl₂N₅O₃
 Molecular Weight: 494.33
 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-59 (Compound 177), a potent inhibitor of hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), exhibits an IC ₅₀ value of $\leq 0.1 \mu\text{M}$ for estradiol. This compound is applicable in research related to liver, metabolic, and cardiovascular diseases, including non-alcoholic fatty liver disease (NAFLD), non-alcoholic steatohepatitis (NASH), and drug-induced liver injury (DILI) [1]. |
| Targets(IC ₅₀) | Dehydrogenase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.0229 mL | 10.1147 mL | 20.2294 mL |
| 5 mM | 0.4046 mL | 2.0229 mL | 4.0459 mL |
| 10 mM | 0.2023 mL | 1.0115 mL | 2.0229 mL |
| 50 mM | 0.0405 mL | 0.2023 mL | 0.4046 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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