

HSD17B13-IN-61

Chemical Properties

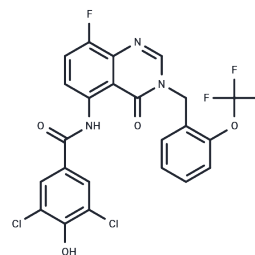
CAS No. : 2770247-26-0

Formula: C₂₃H₁₃Cl₂F₄N₃O₄

Molecular Weight: 542.27

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-61 (Compound 132) acts as an inhibitor against hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), featuring an IC ₅₀ value of $\leq 0.1 \mu\text{M}$ for estradiol. This compound is utilized in the study of various health conditions, including liver diseases, metabolic diseases, and cardiovascular diseases like NAFLD or NASH. It is also relevant in the investigation of drug-induced liver injury (DILI) [1].
Targets(IC50)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8441 mL	9.2205 mL	18.441 mL
5 mM	0.3688 mL	1.8441 mL	3.6882 mL
10 mM	0.1844 mL	0.922 mL	1.8441 mL
50 mM	0.0369 mL	0.1844 mL	0.3688 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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