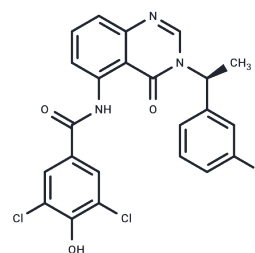


HSD17B13-IN-48

Chemical Properties

CAS No. : 2770246-12-1
 Formula: C₂₃H₁₆Cl₂FN₃O₃
 Molecular Weight: 472.30
 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-48 (Compound 12) serves as an inhibitor for hydroxysteroid 17 β -dehydrogenase 13 (HSD17B13), demonstrating an IC ₅₀ value of $\leq 0.1 \mu\text{M}$ against estradiol. This compound is applicable in the study of liver, metabolic, and cardiovascular diseases, including NAFLD, NASH, and drug-induced liver injury (DILI) [1].
Targets(IC50)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1173 mL	10.5865 mL	21.173 mL
5 mM	0.4235 mL	2.1173 mL	4.2346 mL
10 mM	0.2117 mL	1.0586 mL	2.1173 mL
50 mM	0.0423 mL	0.2117 mL	0.4235 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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