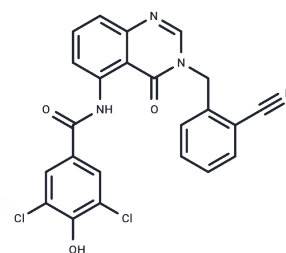


HSD17B13-IN-29

Chemical Properties

CAS No. : 2770246-48-3
 Formula: C₂₃H₁₄Cl₂N₄O₃
 Molecular Weight: 465.29
 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	Compound 53, also known as HSD17B13-IN-29, is an inhibitor targeting hydroxysteroid 17β-dehydrogenase 13 (HSD17B13), demonstrating an IC ₅₀ ≤ 0.1 μM for estradiol. This compound is applicable in the study of liver, metabolic, and cardiovascular diseases, including NAFLD and NASH, and for investigating drug-induced liver injury (DILI) [1].
Targets(IC ₅₀)	Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1492 mL	10.746 mL	21.492 mL
5 mM	0.4298 mL	2.1492 mL	4.2984 mL
10 mM	0.2149 mL	1.0746 mL	2.1492 mL
50 mM	0.043 mL	0.2149 mL	0.4298 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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