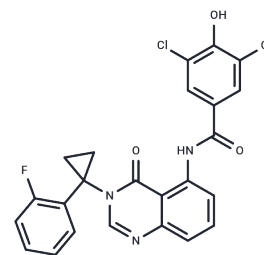


HSD17B13-IN-75

## Chemical Properties

CAS No. : 2770246-20-1  
 Formula: C<sub>24</sub>H<sub>16</sub>Cl<sub>2</sub>FN<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 484.31  
 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-75 (Compound 21) serves as an inhibitor targeting hydroxysteroid 17 $\beta$ -dehydrogenase 13 (HSD17B13), demonstrating an IC <sub>50</sub> value of $\leq 0.1 \mu\text{M}$ for estradiol. Its applications are primarily in the research fields addressing liver diseases, metabolic disorders, and cardiovascular conditions, including NAFLD, NASH, and drug-induced liver injury (DILI) [1].
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0648 mL	10.324 mL	20.6479 mL
5 mM	0.413 mL	2.0648 mL	4.1296 mL
10 mM	0.2065 mL	1.0324 mL	2.0648 mL
50 mM	0.0413 mL	0.2065 mL	0.413 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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