

HSD17B13-IN-52

## Chemical Properties

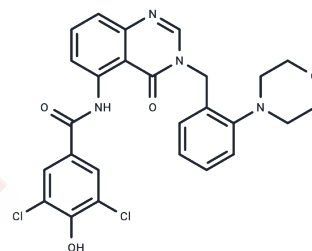
CAS No. : 2770246-77-8

Formula: C<sub>26</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>4</sub>

Molecular Weight: 525.38

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-52 (Compound 84), an inhibitor of hydroxysteroid 17 $\beta$ -dehydrogenase 13 (HSD17B13), exhibits potent activity with an IC <sub>50</sub> value of $\leq 0.1 \mu\text{M}$ against estradiol. This compound is applicable in the research of various health conditions including liver, metabolic, and cardiovascular diseases, specifically NAFLD, NASH, and drug-induced liver injury (DILI) [1].
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9034 mL	9.5169 mL	19.0338 mL
5 mM	0.3807 mL	1.9034 mL	3.8068 mL
10 mM	0.1903 mL	0.9517 mL	1.9034 mL
50 mM	0.0381 mL	0.1903 mL	0.3807 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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