

HSD17B13-IN-18

## Chemical Properties

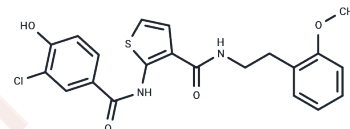
CAS No. : 2758802-14-9

Formula: C<sub>21</sub>H<sub>19</sub>ClN<sub>2</sub>O<sub>4</sub>S

Molecular Weight: 430.9

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-18 (compound 13) serves as a potent inhibitor of hydroxysteroid 17 $\alpha$ -dehydrogenase 13 (HSD17B13), exhibiting IC <sub>50</sub> values of < 0.1 $\mu$ M for estradiol and < 1 $\mu$ M for Leukotriene B <sub>3</sub> as substrates. This compound is crucial in managing nonalcoholic fatty liver diseases (NAFLDs), including nonalcoholic steatohepatitis (NASH) [1].
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3207 mL	11.6036 mL	23.2072 mL
5 mM	0.4641 mL	2.3207 mL	4.6414 mL
10 mM	0.2321 mL	1.1604 mL	2.3207 mL
50 mM	0.0464 mL	0.2321 mL	0.4641 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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