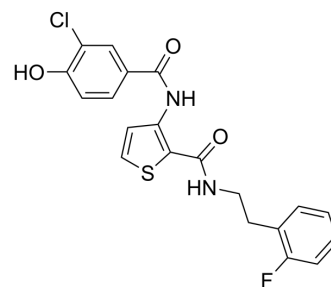


## HSD17B13-IN-17

Cat. No.:	HY-161218
CAS No.:	2758802-10-5
Molecular Formula:	C <sub>20</sub> H <sub>16</sub> ClFN <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	418.87
Target:	17β-HSD
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

HSD17B13-IN-17 (compound 9) is a potent inhibitor of hydroxysteroid 17 $\alpha$ -dehydrogenase 13 (HSD17B13), with the IC<sub>50</sub> of  $\approx$  0.1  $\mu$ M and  $\approx$  1  $\mu$ M estradiol and Leukotriene B<sub>3</sub> as substrates, respectively. HSD17B13-IN-17 plays an important role in nonalcoholic fatty liver diseases (NAFLDs) including NASH (nonalcoholic steatohepatitis)<sup>[1]</sup>.

### REFERENCES

[1]. Inipharma, Inc. Preparation of thiophene carboxamides as HSD17 $\beta$ 13 inhibitors and uses thereof. World Intellectual Property Organization, WO2022020714 A1 2022-01-27

**Caution: Product has not been fully validated for medical applications. For research use only.**

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