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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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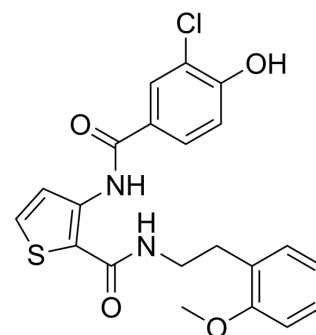
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HSD17B13-IN-8

Cat. No.:	HY-161212	
CAS No.:	2758802-02-5	
Molecular Formula:	C ₂₁ H ₁₉ ClN ₂ O ₄ S	
Molecular Weight:	430.9	
Target:	17β-HSD	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (232.07 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mM	2.3207 mL	11.6036 mL
5 mM	0.4641 mL	2.3207 mL	4.6414 mL		
10 mM	0.2321 mL	1.1604 mL	2.3207 mL		

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.80 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.80 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

HSD17B13-IN-8 (1) is a 17β-Hydroxysteroid dehydrogenases (HSD17B13) inhibitor, with IC₅₀ values of <0.1 μM for Estradiol and <1 μM for LTB3. Used in NAFLD (Nonalcoholic fatty liver diseases) research^[1].

REFERENCES

- [1]. Joshua Odingo, et al. Thiophene hsd17b13 inhibitors and uses thereof. Patent WO2022020714.

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

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