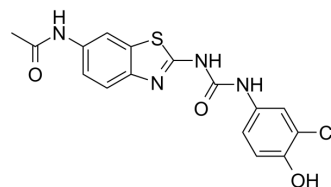


17β-HSD10-IN-1

Cat. No.:	HY-155534		
CAS No.:	2316765-78-1		
Molecular Formula:	C ₁₆ H ₁₃ ClN ₄ O ₃ S		
Molecular Weight:	376.82		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (66.34 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.6538 mL	13.2689 mL	26.5379 mL
5 mM	0.5308 mL	2.6538 mL	5.3076 mL
10 mM	0.2654 mL	1.3269 mL	2.6538 mL

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

BIOLOGICAL ACTIVITY

Description

17β-HSD10-IN-1 (compound 9) is an orally active inhibitor of 17β-hydroxysteroid dehydrogenase type 10 (17β-HSD10) with blood-brain permeability. 17β-HSD10-IN-1 doesn't result additional effects for mitochondrial off-targets and cytotoxic or neurotoxic effects^[1].

IC₅₀ & Target

17β-HSD10^[1]

REFERENCES

[1]. Benek O, et al. Development of submicromolar 17β-HSD10 inhibitors and their in vitro and in vivo evaluation. Eur J Med Chem. 2023 Oct 5;258:115593. [DOI](#)

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

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