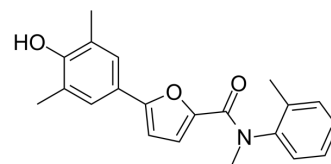


17 β -HSD1-IN-1

Cat. No.:	HY-145433
CAS No.:	2760791-96-4
Molecular Formula:	C ₂₁ H ₂₁ NO ₃
Molecular Weight:	335.4
Target:	Others
Pathway:	Others
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 : 100 mg/mL (298.15 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.9815 mL	14.9076 mL	29.8151 mL
	5 mM		0.5963 mL	2.9815 mL	5.9630 mL
	10 mM		0.2982 mL	1.4908 mL	2.9815 mL

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

BIOLOGICAL ACTIVITY

Description

17 β -HSD1-IN-1 (Compound 1) is a highly selective 17 β -HSD1 inhibitor with IC₅₀s of 5.6 and 3155 nM for 17 β -HSD1 and 17 β -HSD2, respectively. 17 β -HSD1-IN-1 can be used for the research of non-small cell lung cancer (NSCLC)^[1].

REFERENCES

[1]. Emanuele M Gargano, et al. 17 β -Hydroxysteroid Dehydrogenase Type 1 Inhibition: A Potential Treatment Option for Non-Small Cell Lung Cancer. ACS Med Chem Lett. 2021 Nov 18;12(12):1920-1924.

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

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