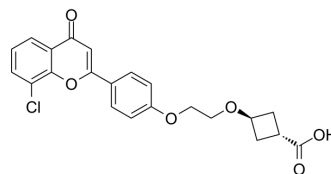


trans-ccc_R08

Cat. No.:	HY-148560A
CAS No.:	2413192-49-9
Molecular Formula:	C ₂₂ H ₁₉ ClO ₆
Molecular Weight:	414.84
Target:	HBV
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (241.06 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		2.4106 mL	12.0528 mL	24.1057 mL
5 mM		0.4821 mL	2.4106 mL	4.8211 mL
10 mM		0.2411 mL	1.2053 mL	2.4106 mL

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

BIOLOGICAL ACTIVITY

Description

trans-ccc_R08 (compound 1-B) is a potent cccDNA (covalently closed circular DNA) inhibitor. trans-ccc_R08 inhibits HBeAg level with an IC₅₀ value of 0.08 μM. trans-ccc_R08 has the potential for the research of Hepatitis B Virus infection (HBV)^[1].

REFERENCES

[1]. Song Feng, et al. Flavone compounds for the treatment and prophylaxis of hepatitis b virus disease. WO2020053249A1.

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

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