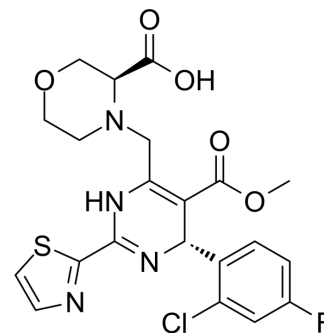


RO6889678

Cat. No.:	HY-124364
CAS No.:	1578153-27-1
Molecular Formula:	C ₂₁ H ₂₀ ClFN ₄ O ₅ S
Molecular Weight:	494.92
Target:	HBV; Cytochrome P450
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RO6889678 is a highly potent HBV capsid formation inhibitor with a complex absorption, distribution, metabolism, and excretion (ADME) profile. RO6889678 is a potent inducer of CYP3A4 and coregulated proteins in human hepatocytes. RO6889678 is metabolized by a combination of CYP3A4-mediated oxidation and UDP-glucuronosyltransferase UGT1A3- and UGT1A1-mediated direct glucuronidation ^[1] .
IC ₅₀ & Target	CYP3A4

REFERENCES

[1]. Nicole A Kratochwil, et al. Simultaneous Assessment of Clearance, Metabolism, Induction, and Drug-Drug Interaction Potential Using a Long-Term In Vitro Liver Model for a Novel Hepatitis B Virus Inhibitor. J Pharmacol Exp Ther. 2018 May;365(2):237-248.

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

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