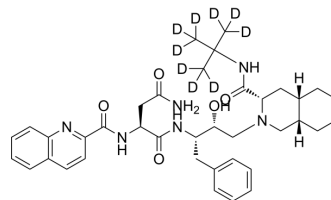


Saquinavir-d₉

Cat. No.:	HY-17007S
CAS No.:	1356355-11-7
Molecular Formula:	C ₃₈ H ₄₁ D ₉ N ₆ O ₅
Molecular Weight:	679.9
Target:	HIV; HIV Protease; SARS-CoV; Isotope-Labeled Compounds
Pathway:	Anti-infection; Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Saquinavir-d ₉ is the deuterium labeled Saquinavir. Saquinavir(Ro 31-8959) is an HIV Protease inhibitor used in antiretroviral therapy. Saquinavir is also a SARS-CoV 3CLpro inhibitor with an IC ₅₀ of 1.36 μM[1][2].
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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