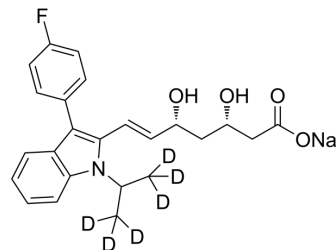


(3S,5R)-Fluvastatin-d₆ sodium

Cat. No.:	HY-14664CS
CAS No.:	2249799-35-5
Molecular Formula:	C ₂₄ H ₁₉ D ₆ FNNaO ₄
Molecular Weight:	439.48
Target:	HMG-CoA Reductase (HMGCR)
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

(3S,5R)-Fluvastatin-d₆ (sodium) is the deuterium labeled (3S,5R)-Fluvastatin sodium. Fluvastatin is a first fully synthetic, competitive HMG-CoA reductase inhibitor with an IC₅₀ of 8 nM. Fluvastatin protects vascular smooth muscle cells against oxidative stress through the Nrf2-dependent antioxidant pathway[1].

REFERENCES

[1]. Araújo FA, Rocha MA, Capettini LS, et al. 3-Hydroxy-3-methylglutaryl coenzyme A reductase inhibitor (fluvastatin) decreases inflammatory angiogenesis in mice. *APMIS*. 2012 24.

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

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