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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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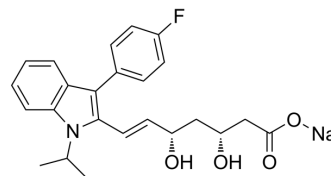
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Fluvastatin sodium (Standard)

Cat. No.:	HY-14664AR
CAS No.:	93957-55-2
Molecular Formula:	C ₂₄ H ₂₅ FNNaO ₄
Molecular Weight:	433.45
Target:	Autophagy; HMG-CoA Reductase (HMGCR); Ferroptosis
Pathway:	Autophagy; Metabolic Enzyme/Protease; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Fluvastatin (sodium) (Standard) is the analytical standard of Fluvastatin (sodium). This product is intended for research and analytical applications. Fluvastatin sodium (XU 62320) is a first fully synthetic, competitive HMG-CoA reductase inhibitor with an IC ₅₀ of 8 nM. Fluvastatin sodium protects vascular smooth muscle cells against oxidative stress through the Nrf2-dependent antioxidant pathway ^{[1][2][3]} .
IC ₅₀ & Target	IC ₅₀ : 8 nM (HMG-CoA reductase) ^[1]

REFERENCES

- [1]. Makabe S, et al. Fluvastatin protects vascular smooth muscle cells against oxidative stress through the Nrf2-dependent antioxidant pathway. *Atherosclerosis*. 2010 Dec;213(2):377-84.
- [2]. Wu Zhang, et al. Fluvastatin, a lipophilic statin, induces apoptosis in human hepatocellular carcinoma cells through mitochondria-operated pathway. *Indian J Exp Biol*. 2010 Dec;48(12):1167-74.

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

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