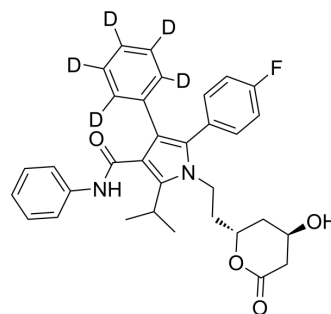


Atorvastatin lactone-d₅

Cat. No.:	HY-101873S
Molecular Formula:	C ₃₃ H ₂₈ D ₅ FN ₂ O ₄
Molecular Weight:	545.66
Target:	HMG-CoA Reductase (HMGCR); Isotope-Labeled Compounds
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Atorvastatin lactone-d₅ is a deuterated form of Atorvastatin lactone (HY-101873). Atorvastatin lactone is a proagent form of atorvastatin. Atorvastatin is an orally active 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase inhibitor[1].

REFERENCES

[1]. Valesky RJ, et al. Automated enzyme inhibition assay method for the determination of atorvastatin-derived HMG-CoA reductase inhibitors in human plasma using radioactivity detection. J Pharmacol Toxicol Methods. 2008 Jan-Feb;57(1):61-9.

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

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