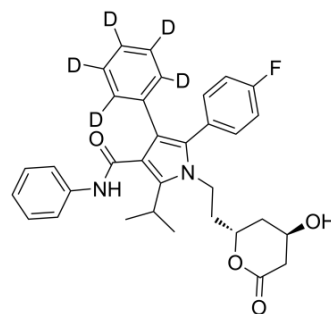


## Atorvastatin lactone D5

Cat. No.:	HY-101873S
CAS No.:	1217749-86-4
Molecular Formula:	C <sub>33</sub> H <sub>28</sub> D <sub>5</sub> FN <sub>2</sub> O <sub>4</sub>
Molecular Weight:	545.66
Target:	HMG-CoA Reductase (HMGCR)
Pathway:	Metabolic Enzyme/Protease
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 prodrug form of atorvastatin. Atorvastatin is an orally active 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase inhibitor<sup>[1]</sup>.

### 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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