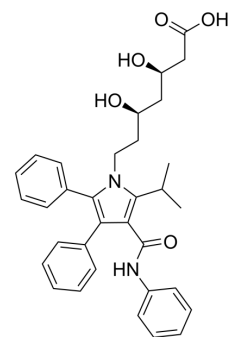


## Desfluoro-atorvastatin

Cat. No.:	HY-135373
CAS No.:	433289-84-0
Molecular Formula:	C <sub>33</sub> H <sub>36</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	540.65
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Desfluoro-atorvastatin is an impurity of Atorvastatin<sup>[1]</sup>. Atorvastatin is an orally active 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) reductase inhibitor, has the ability to effectively decrease blood lipids<sup>[2]</sup>.

### REFERENCES

- [1]. Ertürk S, et al. An HPLC method for the determination of atorvastatin and its impurities in bulk drug and tablets. *J Pharm Biomed Anal.* 2003 Dec 4;33(5):1017-23.
- [2]. Santodomingo-Garzón T, et al. Atorvastatin inhibits inflammatory hypernociception. *Br J Pharmacol.* 2006 Sep;149(1):14-22.

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

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