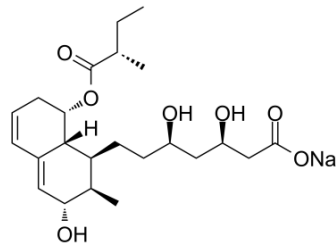


## 3 $\alpha$ -Hydroxy pravastatin sodium

Cat. No.:	HY-136347
CAS No.:	81093-43-8
Molecular Formula:	C <sub>23</sub> H <sub>35</sub> NaO <sub>7</sub>
Molecular Weight:	446.51
Target:	HMG-CoA Reductase (HMGCR); Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

3 $\alpha$ -Hydroxy pravastatin sodium is the major metabolite of Pravastatin. Pravastatin is a competitive HMG-CoA reductase inhibitor<sup>[1][2]</sup>.

### REFERENCES

[1]. Zhang X, Vernikovskaya DI, Wang X, et al. Quantitative determination of pravastatin and its metabolite 3 $\alpha$ -hydroxy pravastatin in plasma and urine of pregnant patients by LC-MS/MS. *Biomed Chromatogr.* 2016;30(4):548-554.

[2]. Shiomi M, et al. Pravastatin sodium, a competitive inhibitor of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase, decreases the cholesterol content of newly secreted very-low-density lipoprotein in Watanabe heritable hyperlipidemic rabbits. *Metabolism.* 1994;43(5):559-564.

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

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