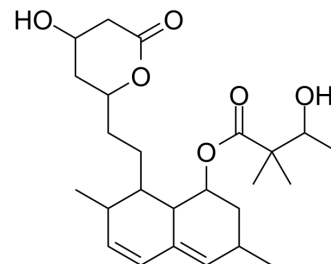


(Rac)-3'-Hydroxy simvastatin

Cat. No.:	HY-136345
CAS No.:	126313-98-2
Molecular Formula:	C ₂₅ H ₃₈ O ₆
Molecular Weight:	434.57
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(Rac)-3'-Hydroxy simvastatin is a metabolite of Simvastatin. Simvastatin is a competitive inhibitor of HMG-CoA reductase with a K_i of 0.2 nM^{[1][2]}.

REFERENCES

[1]. Slater, E.E., et al. Mechanism of action and biological profile of HMG CoA reductase inhibitors. A new therapeutic alternative. *Drugs*, 1988. 36 Suppl 3: p. 72-82.

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

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