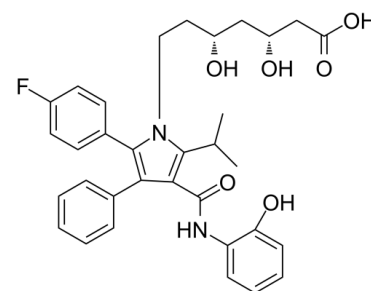


Data Sheet

Product Name:	2-Hydroxy atorvastatin (calcium salt)
Cat. No.:	CS-0100506
CAS No.:	265989-46-6
Molecular Formula:	C ₃₃ H ₃₅ FN ₂ O ₆ .1/2Ca
Molecular Weight:	594.69
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Solubility:	10 mM in DMSO



1/2 Ca

BIOLOGICAL ACTIVITY:

2-Hydroxy atorvastatin calcium salt is a hydroxy metabolite of Atorvastatin calcium salt. Atorvastatin is a potent HMG-CoA reductase inhibitor with an IC₅₀ value of 8 nM.

References:

[1]. Borek-Dohalský V, et al. Validated HPLC-MS-MS method for simultaneous determination of atorvastatin and 2-hydroxyatorvastatin in human plasma-pharmacokinetic study. Anal Bioanal Chem. 2006 Sep;386(2):275-85.

CAIndexNames:

1H-Pyrrole-1-heptanoic acid, 2-(4-fluorophenyl)-β,δ-dihydroxy-4-[[2-(2-hydroxyphenyl)amino]carbonyl]-5-(1-methylethyl)-3-phenyl-, calcium salt (2:1), (βR,δR)-

SMILES:

FC1=CC=C(C2=C(C3=CC=CC=C3)C(C(NC4=CC=CC=C4O)=O)=C(C(C)C)N2CC[C@H](O)C[C@H](O)CC(O)=O)C=C1.[Ca].[1/2]

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

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