

N-desmethyl Rosuvastatin (sodium salt hydrate)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	N-desmethyl Rosuvastatin is an active metabolite of the HMG-CoA reductase inhibitor rosuvastatin . 1,2N-desmethyl Rosuvastatin is formed when rosuvastatin undergoes demethylation, primarily by the cytochrome P450 (CYP) isoform CYP2C9 and to a lesser extent by CYP2C19 and CYP3A4.1
Targets(IC50)	Others

Solubility Information

Solubility	H2O: Slightly soluble DMSO: Slightly soluble,Heating is recommended. Methanol: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Reference

Macwan, J.S., Ionita, I.A., and Akhlaghi, F.A simple assay for the simultaneous determination of rosuvastatin acid, rosuvastatin-5S-lactone, and N-desmethyl rosuvastatin in human plasma using liquid chromatography-tandem mass spectrometry (LC-MS/MS)Anal. Bioanal. Chem.402(3)1217-1227(2012)

Bai, X., Wang, X.P., He, G.D., et al.Simultaneous determination of rosuvastatin, rosuvastatin-5 S-lactone, and N-desmethyl rosuvastatin in human plasma by UPLC-MS/MS and its application to clinical studyDrug Res. (Stuttg.)68 (6)328-334(2018)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481