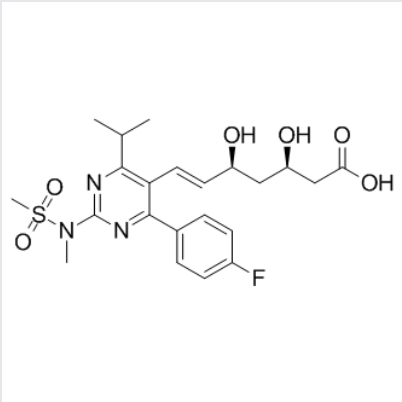
Rosuvastatin (ZD-4522)

PRODUCT OVERVIEW

Product Name	Rosuvastatin, Biochemical
Full Product Name	Rosuvastatin
Product Synonym Names	ZD-4522
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	481.5376
Suitability	10mM in DMSO
Target	HMGCR
Receptor	HMG-CoAreductase
Chemical Name	6-Heptenoic acid, 7-[4-(4-fluorophenyl)-6-(1-methylethyl)-2-[methyl(methylsulfonyl)amino]-5-pyrimidinyl]-3, 5-dihydroxy-, (3R, 5S, 6E)
SMILES	CC(C)C1=NC(=NC(=C1/C=C/[C@H](C[C@H](CC(=O)O)O)O)C2=CC=C(C=C2)F)N(C)S(=O)(=O)C
Molecular Formula	C22H28FN3O6S
CAS Number	287714-41-4
Product Categories/Family for Rosuvastatin biochemical	Dyslipidemia; Metabolic Enzyme/Protease; Cardiovascular Disease
Related Product Information for Rosuvastatin biochemical	A potent, competitive inhibitor of HMG-CoA reductase (HMGCR) with IC50 of 11 nM.
Product References and Citations for Rosuvastatin biochemical	1. Watanabe M, et al. Bioorg Med Chem. 1997 Feb; 5 (2):437-44. 2. Kim YS, et al. J Cardiovasc Pharmacol. 2007 Jun; 49 (6):376-83. 3. Stalker TJ, et al. Br J Pharmacol. 2001 Jun; 133 (3):406-12.
Other Notes	Small volumes of Rosuvastatin biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Rosuvastatin purchase	MBS3603878 is a biochemical targeting Rosuvastatin.



Structure of Rosuvastatin biochemical

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/biochemical/rosuvastatin/3603878