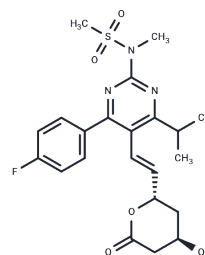


Rosuvastatin lactone

Chemical Properties

CAS No. :	503610-43-3
Formula:	C ₂₂ H ₂₆ FN ₃ O ₅ S
Molecular Weight:	463.52
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Rosuvastatin lactone (Rosuvastatin-5S-lactone) is a metabolite of Rosuvastatin that has a relaxing effect on rat aortic rings.
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1574 mL	10.787 mL	21.574 mL
5 mM	0.4315 mL	2.1574 mL	4.3148 mL
10 mM	0.2157 mL	1.0787 mL	2.1574 mL
50 mM	0.0431 mL	0.2157 mL	0.4315 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Lee HB, et al. Occurrence and fate of rosuvastatin, rosuvastatin lactone, and atorvastatin in Canadian sewage and surface water samples. Chemosphere. 2009 Nov;77(10):1285-91.

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