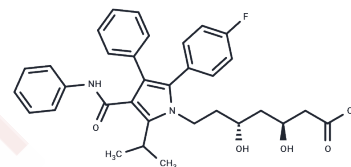


Atorvastatin, (3S,5R)-

Chemical Properties

CAS No. :	887324-52-9
Formula:	C ₃₃ H ₃₅ FN ₂ O ₅
Molecular Weight:	558.64
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	Atorvastatin, (3S,5R)- is an Atorvastatin impurity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7901 mL	8.9503 mL	17.9006 mL
5 mM	0.358 mL	1.7901 mL	3.5801 mL
10 mM	0.179 mL	0.895 mL	1.7901 mL
50 mM	0.0358 mL	0.179 mL	0.358 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

- Yang B, Sun J, Yuan Y, Sun Z. Effects of atorvastatin on autophagy in skeletal muscles of diabetic rats. *J Diabetes Investig.* 2018 Jul;9(4):753-761. doi: 10.1111/jdi.12789. Epub 2018 Jan 30. PubMed PMID: 29245171; PubMed Central PMCID: PMC6031525.
- Qiu S, Zhuo W, Sun C, Su Z, Yan A, Shen L. Effects of atorvastatin on chronic subdural hematoma: A systematic review. *Medicine (Baltimore).* 2017 Jun;96(26):e7290. doi: 10.1097/MD.0000000000007290. Review. PubMed PMID: 28658127; PubMed Central PMCID: PMC5500049.
- El-Nabarawi N, El-Wakd M, Salem M. Atorvastatin, a double weapon in osteoporosis treatment: an experimental and clinical study. *Drug Des Devel Ther.* 2017 May 2;11:1383-1391. doi: 10.2147/DDDT.S133020. eCollection 2017. PubMed PMID: 28496308; PubMed Central PMCID: PMC5422318.

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