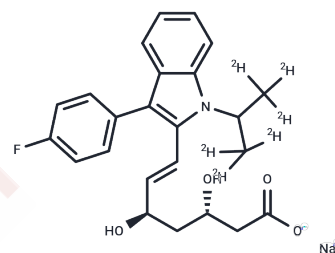


## (3S,5R)-Fluvastatin-D6 sodium

## Chemical Properties

CAS No. :	2249799-35-5
Formula:	C <sub>24</sub> H <sub>25</sub> FNNaO <sub>4</sub>
Molecular Weight:	439.49
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	(3S,5R)-Fluvastatin-D6 sodium is the deuterium-labeled (3S,5R)-Fluvastatin sodium (T10129). Fluvastatin is a first fully synthetic, competitive HMG-CoA reductase inhibitor (IC <sub>50</sub> : 8 nM).
Targets(IC <sub>50</sub> )	HMG-CoA Reductase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2754 mL	11.3768 mL	22.7536 mL
5 mM	0.4551 mL	2.2754 mL	4.5507 mL
10 mM	0.2275 mL	1.1377 mL	2.2754 mL
50 mM	0.0455 mL	0.2275 mL	0.4551 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

Araújo FA, Rocha MA, Capettini LS, et al. 3-Hydroxy-3-methylglutaryl coenzyme A reductase inhibitor (fluvastatin) decreases inflammatory angiogenesis in mice. APMIS. 2012 24.

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