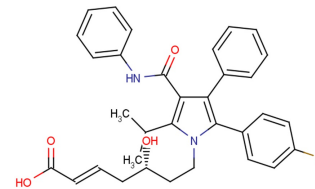


## Data Sheet (Cat.No.T10399)

### Atorvastatin 3-Deoxyhept-2E-Enoic Acid

#### Chemical Properties

CAS No.:	1105067-93-3
Formula:	C <sub>33</sub> H <sub>33</sub> FN <sub>2</sub> O <sub>4</sub>
Molecular Weight:	540.62
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



#### Biological Description

Description	Atorvastatin 3-Deoxyhept-2E-Enoic Acid is an impurity of Atorvastatin. Atorvastatin is an HMG-CoA reductase inhibitor and has the ability to effectively decrease blood lipids.
Targets(IC <sub>50</sub> )	Others: None

#### Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.85 mL	9.249 mL	18.497 mL
5 mM	0.37 mL	1.85 mL	3.699 mL
10 mM	0.185 mL	0.925 mL	1.85 mL
50 mM	0.037 mL	0.185 mL	0.37 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Stach, J., et al. Synthesis of Some Impurities and/or Degradation Products of Atorvastatin. Collection of Czechoslovak Chemical Communications, 2008;73(2), 229–246.

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