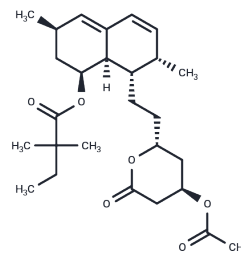


## 4-Acetylsimvastatin

## Chemical Properties

CAS No. :	145576-25-6
Formula:	C <sub>27</sub> H <sub>40</sub> O <sub>6</sub>
Molecular Weight:	460.6
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	4-Acetylsimvastatin is acetylated simvastatin. Simvastatin is a competitive inhibitor of HMG-CoA reductase (K <sub>i</sub> : 0.2 nM).
Targets(IC50)	Others,HMG-CoA Reductase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1711 mL	10.8554 mL	21.7108 mL
5 mM	0.4342 mL	2.1711 mL	4.3422 mL
10 mM	0.2171 mL	1.0855 mL	2.1711 mL
50 mM	0.0434 mL	0.2171 mL	0.4342 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

Brian Morgan, et al. Methods for Making Simvastatin and Intermediates. US20110059493A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481