

---

## Product Data Sheet

---

Product Name: 2-Hydroxy atorvastatin lactone

Cat. No.: GC60474

**Chemical Properties**

Cas. No. 163217-74-1

SMILES O=C(C1=C(C(C)C)N(CC[C@@H]2C[C@@H](O)CC(O2)=O)C(C3=CC=C(F)C=C3)=C1C4=CC=CC=C4)NC5=CC=CC=C5O

Formula	C <sub>33</sub> H <sub>33</sub> FN <sub>2</sub> O <sub>5</sub>	M.Wt	556.62
---------	--	------	--------

Solubility	Storage	Store at -20°C
------------	---------	----------------

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

2-Hydroxy atorvastatin lactone is a metabolite of Atorvastatin. Atorvastatin is an orally active HMG-CoA reductase inhibitor, has the ability to effectively decrease blood lipids[1][2].

[1]. Guo CX, et al. Effects of Ginkgo biloba extracts on pharmacokinetics and efficacy of atorvastatin based on plasma indices. *Xenobiotica*. 2012;42(8):784-790. [2]. Turner NA, et al. Comparison of the efficacies of five different statins on inhibition of human saphenous vein smooth muscle cell proliferation and invasion. *J Cardiovasc Pharmacol*. 2007 Oct;50(4):458-61.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---