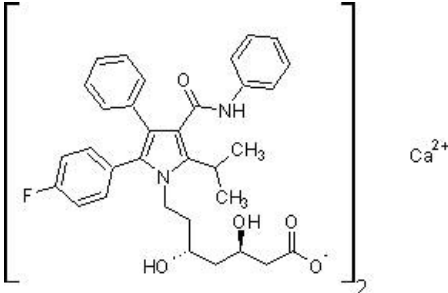


Atorvastatin hemicalcium salt, HMG-CoA reductase inhibitor ab141083

2 图像

概述

产品名称	Atorvastatin hemicalcium salt, HMG-CoA reductase抑制剂
描述	Potent HMG-CoA reductase抑制剂
纯度	> 99%
CAS编号	134523-03-8
化学结构	

性能

化学名称	(β <i>R</i> ,δ <i>R</i>)-2-(4-Fluorophenyl)-β,δ-dihydroxy-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1 <i>H</i> -pyrrole-1-heptanoic acid hemicalcium salt
分子量	577.68
分子式	C ₃₃ H ₃₄ FN ₂ O ₅ ·0.5Ca
PubChem识别号	60822
存放说明	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
溶解度概述	Soluble in DMSO to 100 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information</p>

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILES

```
[Ca+2].[O-][C@H](CCn1c(c(c(c1C(C)C)C(=O)Nc2ccccc2)c3ccccc3)c4ccc(F)cc4)[C@@H](O)CC([O-])=O.[O-]C(=O)C[C@H](O)C[C@H](O)CCn4c(c1ccc(F)cc1)c(c2ccccc2)c(C(=O)Nc3ccccc3)c4C(C)C
```

来源

Synthetic

应用

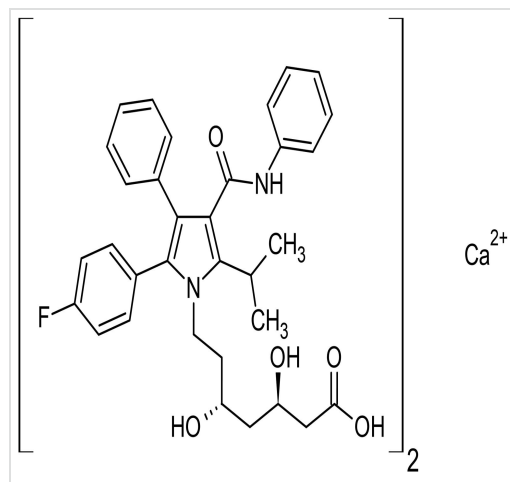
The Abpromise guarantee

Abpromise™承诺保证使用ab141083于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

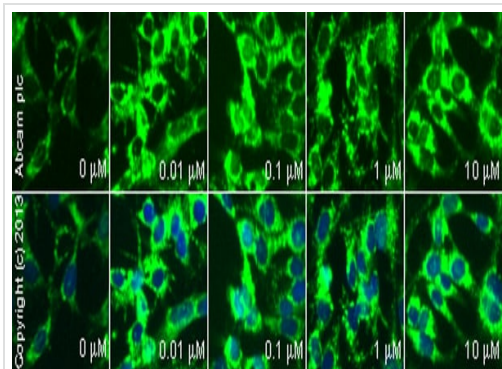
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



2D chemical structure image of ab141083, Atorvastatin hemicalcium salt, HMG-CoA reductase inhibitor

Chemical Structure - Atorvastatin hemicalcium salt, HMG-CoA reductase inhibitor (ab141083)



Immunocytochemistry/ Immunofluorescence -
Atorvastatin hemicalcium salt, HMG-CoA reductase
inhibitor (ab141083)

ab90529 staining cytochrome C in HepG2 cells treated with atorvastatin hemicalcium salt (ab141083), by ICC/IF. Increase of cytochrome C expression correlates with increased concentration of atorvastatin hemicalcium salt, as described in literature. The cells were incubated at 37°C for 4 hours in media containing different concentrations of ab141083 (atorvastatin hemicalcium salt) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab90529** (1 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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