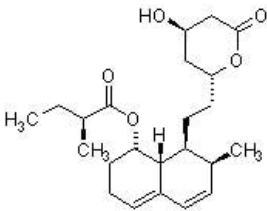


Mevastatin, HMG-CoA reductase inhibitor ab120652

4 References 画像数 2

製品の概要

製品名	Mevastatin, HMG-CoA reductase inhibitor
製品の詳細	Potent HMG-CoA reductase inhibitor
生理活性の詳細	Potent HMG-CoA reductase inhibitor. Proapoptotic, able to arrest cells in G ₁ by down-regulation of CDK4, CDK6 and cyclin D1 and up-regulation of p21 and p27.
精製度	> 98%
CAS 番号	73573-88-3
構造式	

製品の特性

体系名	(2 <i>S</i>)-2-Methyl-(1 <i>S</i> ,7 <i>S</i> ,8 <i>S</i> ,8 <i>aR</i>)-1,2,3,7,8,8 <i>a</i> -hexahydro-7-methyl-8-[2-[(2 <i>R</i> ,4 <i>R</i>)-tetrahydro-4-hydroxy-6-oxo-2 <i>H</i> -pyran-2-yl]ethyl]-1-naphthalenyl butanoate
分子量	390.52
分子式	C ₂₃ H ₃₄ O ₅
PubChem 登録番号	64715
保存方法	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in ethanol to 10 mM and DMSO to 100 mM
使用に関する注意	<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> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked</p>

[questions \(FAQ\) page](#) for more details.

由来

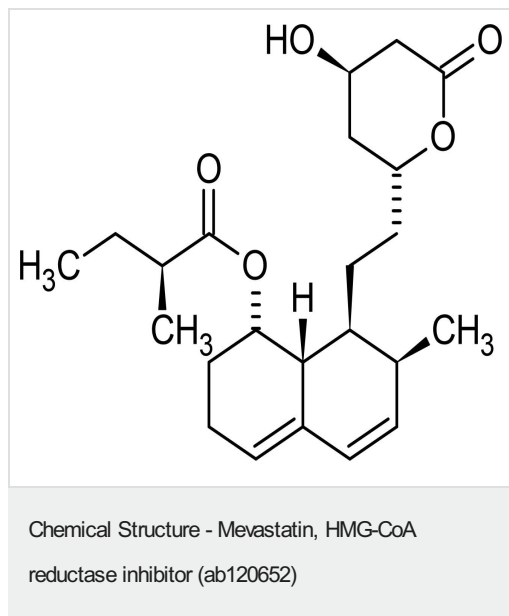
Synthetic

アプリケーション

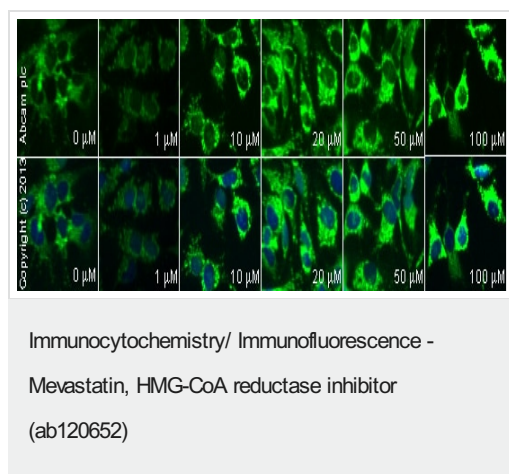
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab120652の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



2D chemical structure image of ab120652, Mevastatin, HMG-CoA reductase inhibitor



ab90529 staining cytochrome C in HepG2 cells treated with mevastatin (ab120652), by ICC/IF. Increase of cytochrome C expression correlates with increased concentration of mevastatin, as described in literature.

The cells were incubated at 37°C for 4 hours in media containing different concentrations of ab120652 (mevastatin) 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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