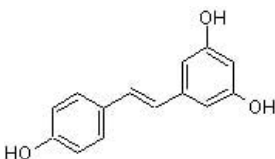


Resveratrol, Antioxidant polyphenol ab120726

8 References **2 图像**

概述

产品名称	Resveratrol, Antioxidant polyphenol
描述	Antioxidant polyphenol with a multitude of biological activities
生物学描述	Polyphenol found in grape skins and red wine. Displays a multitude of biological activities including antioxidant, antiplatelet, antitumor, anti-inflammatory and cardioprotective effects. Additionally, shows antiamyloidogenic and fibril-destabilizing activities.
纯度	> 99%
CAS编号	501-36-0
化学结构	

性能

化学名称	5-[(1E)-2-(4-Hydroxyphenyl)ethenyl]-1,3-benzenediol
分子量	228.25
分子式	C ₁₄ H ₁₂ O ₃
PubChem识别号	445154
存放说明	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM and in ethanol 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>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1=CC(=CC=C1/C=C/C2=CC(=CC(=C2)O)O)O

来源

Synthetic

应用

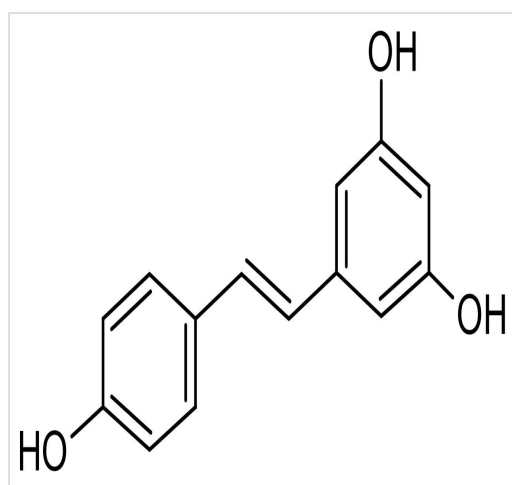
The Abpromise guarantee

Abpromise™承诺保证使用ab120726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。

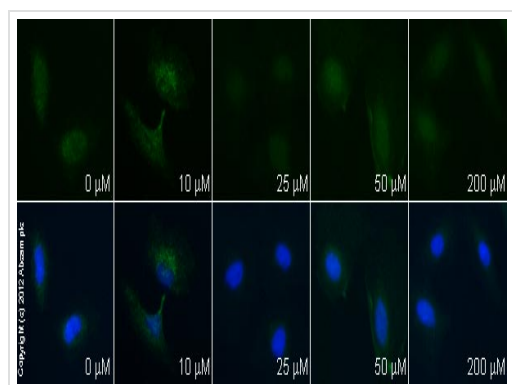
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



2D chemical structure image of ab120726, Resveratrol, Antioxidant polyphenol

Chemical Structure - Resveratrol, Antioxidant polyphenol (ab120726)



Immunocytochemistry/ Immunofluorescence - Resveratrol, Antioxidant polyphenol (ab120726)

ab85555 staining PKM2 in HeLa cells treated with resveratrol (ab120726), by ICC/IF. Decrease in PKM2 expression correlates with increased concentration of resveratrol as described in literature.

The cells were incubated at 37°C for 48h in media containing different concentrations of ab120726 (resveratrol) 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 **ab85555** (5 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat 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.

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