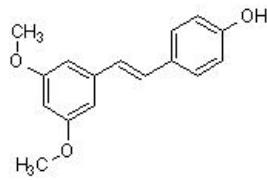


# Pterostilbene, Antioxidant and antiapoptotic agent ab120961

## 2 图像

### 概述

产品名称	Pterostilbene, Antioxidant and antiapoptotic agent
描述	Antioxidant and antiapoptotic agent; analog of resveratrol
纯度	> 98%
CAS编号	537-42-8
化学结构	

### 性能

化学名称	4-[(1E)-2-(3,5-Dimethoxyphenyl)ethenyl]phenol
分子量	256.30
分子式	C <sub>16</sub> H <sub>16</sub> O <sub>3</sub>
存放说明	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
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> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
来源	Synthetic

### 应用

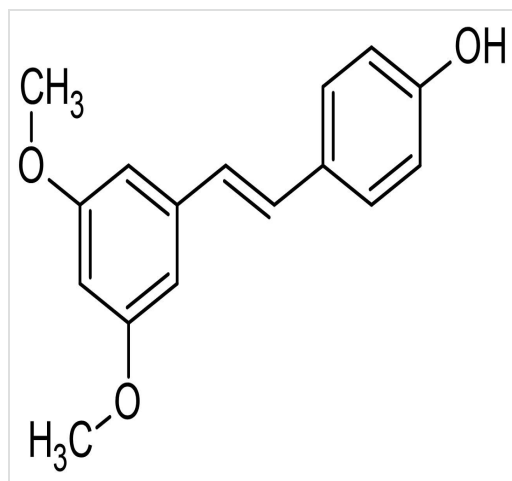
## The Abpromise guarantee

Abpromise™承诺保证使用ab120961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。

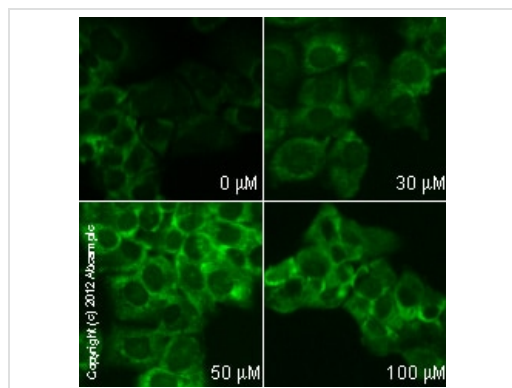
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

## 图片



2D chemical structure image of ab120961, Pterostilbene, Antioxidant and antiapoptotic agent

Chemical Structure - Pterostilbene, Antioxidant and antiapoptotic agent (ab120961)



Functional Studies - Pterostilbene, Antioxidant and antiapoptotic agent (ab120961)

**ab51031** staining beclin1 in MCF7 cells treated with pterostilbene (ab120961), by ICC/IF. Increase in beclin1 expression correlates with increased concentration of pterostilbene as described in literature.

The cells were incubated at 37°C for 48h in media containing different concentrations of ab120961 (pterostilbene) 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 **ab51031** (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.

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

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