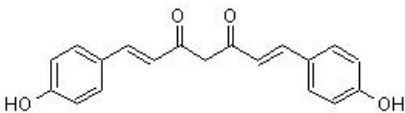


### Bisdemethoxycurcumin, Apoptotic curcuminoid ab120976

#### 2 图像

#### 概述

产品名称	Bisdemethoxycurcumin, Apoptotic curcuminoid
描述	Apoptotic anticancer, anti-inflammatory and antioxidant curcuminoid
纯度	> 98%
CAS编号	33171-05-0
化学结构	

#### 性能

化学名称	(1E,6E)-1,7-Bis(4-hydroxyphenyl)-1,6-heptadiene-3,5-dione
分子量	308.33
分子式	C <sub>19</sub> H <sub>16</sub> O <sub>4</sub>
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>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

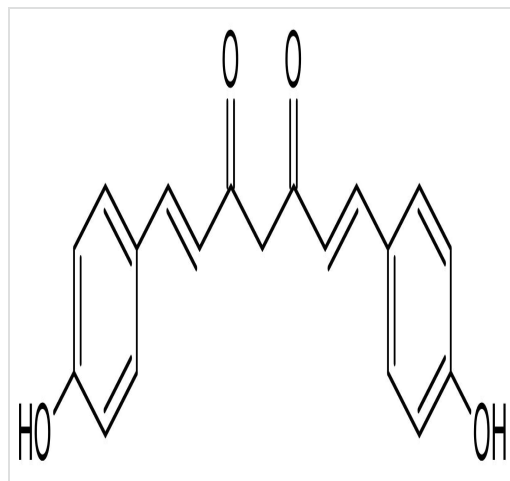
The Abpromise guarantee

**Abpromise™** 承诺保证使用ab120976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。

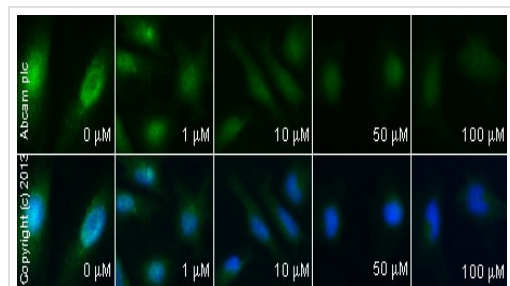
应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

## 图片



Chemical Structure - Bisdemethoxycurcumin,  
Apoptotic curcuminoid (ab120976)

2D chemical structure image of ab120976, Bisdemethoxycurcumin,  
Apoptotic curcuminoid



Functional Studies - Bisdemethoxycurcumin,  
Apoptotic curcuminoid (ab120976)

**ab18210** staining Bcl2 in HeLa cells treated with bisdemethoxycurcumin (ab120976), by ICC/IF. Decrease of Bcl2 expression correlates with increased concentration of bisdemethoxycurcumin, as described in literature.

The cells were incubated at 37°C for 6 hours in media containing different concentrations of ab120976 (bisdemethoxycurcumin) in DMSO, fixed with 100% methanol for 5 minutes at -20°C 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 **ab18209** (5 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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