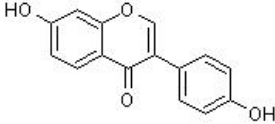


# Daidzein, Phytoestrogen ab120391

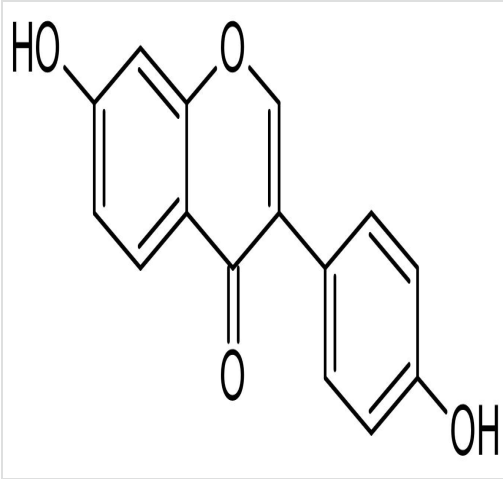
[1 References](#) [2 图像](#)

### 概述

产品名称	Daidzein, Phytoestrogen
描述	Phytoestrogen
生物学描述	Phytoestrogen, and soy isoflavone. Analog of genistein ( <a href="#">ab120112</a> ). Various biological actions, including a weak estrogenic / antiestrogenic effect by binding to the nuclear estrogen receptor.
CAS编号	486-66-8
化学结构	

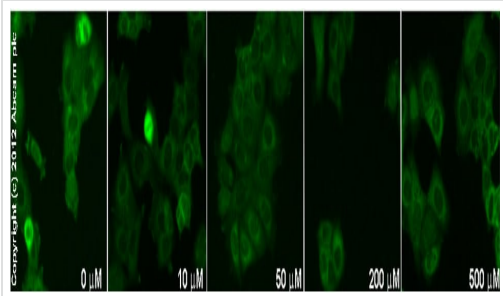
### 性能

化学名称	7-Hydroxy-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one
分子量	254.24
分子式	C <sub>15</sub> H <sub>10</sub> O <sub>4</sub>
PubChem识别号	5281708
存放说明	Store at -20°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
处理	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.  Refer to SDS for further information  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
SMILES	<chem>Oc1ccc(cc1)C3=COC(=O)c2cc(O)ccc2C3=O</chem>
来源	Synthetic



2D chemical structure image of ab120391, Daidzein, Phytoestrogen

Chemical Structure - Daidzein, Phytoestrogen  
(ab120391)



Functional Studies - Daidzein, Phytoestrogen  
(ab120391)

**ab47489** staining Bcl2 MCF7 cells treated with diadzein (ab120391), by ICC/IF. Decrease in Bcl2 expression correlates with increased concentration of diadzein, as described in literature. The cells were incubated at 37°C for 6h in media containing different concentrations of ab120391 (diadzein) 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 **ab47489** (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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