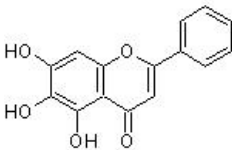


Baicalein, Lipoxygenase inhibitor. ab120723

2 图像

概述

产品名称	Baicalein, Lipoxygenase抑制剂.
描述	Flavonoid. Lipoxygenase抑制剂.
生物学描述	Cell-permeable flavonoid. Lipoxygenase inhibitor (IC ₅₀ values are 0.64 and 1.6 μM at 12- and 15-lipoxygenases, respectively). Shows antioxidant and anti-inflammatory properties. Also induces apoptosis. Additionally, inhibits α-syn oligomerisation, β-Amyloid induced neurotoxicity and amyloid protein aggregation.
纯度	> 98%
CAS编号	491-67-8
化学结构	

性能

化学名称	5,6,7-Trihydroxy-2-phenyl-(4H)-1-benzopyran-4-one
分子量	270.24
分子式	C ₁₅ H ₁₀ O ₅
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 50 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>
来源	Synthetic

应用

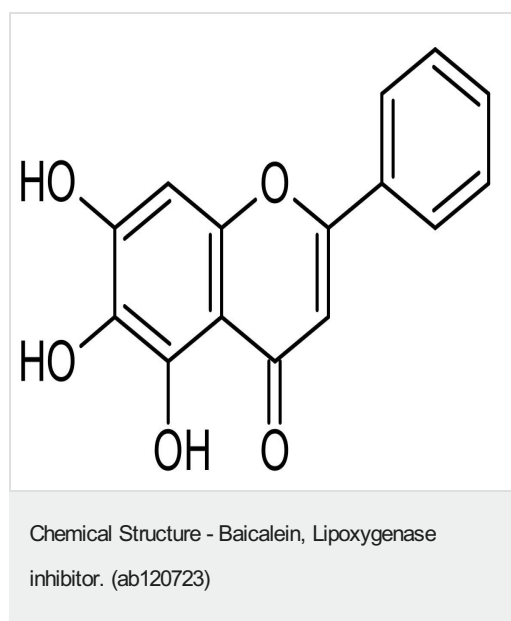
The Abpromise guarantee

Abpromise™ 承诺保证使用 ab120723 于以下的经测试应用

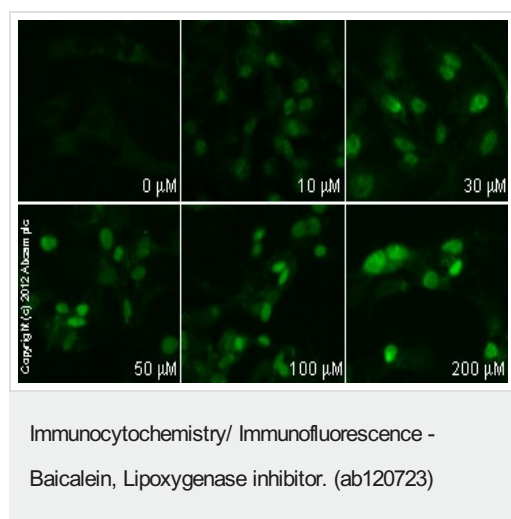
“应用说明”部分 下显示的仅为推荐的起始稀释度; 实际最佳的稀释度/浓度应由使用者检定。

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

图片



2D chemical structure image of ab120723, Baicalein, Lipoxxygenase inhibitor.



ab51608 staining HIF1α in HepG2 cells treated with baicalein (ab120723), by ICC/IF. Increase in HIF1α expression correlates with increased concentration of baicalein as described in literature. The cells were incubated at 37°C for 6h in media containing different concentrations of ab120723 (baicalein) 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 **ab51608** (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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