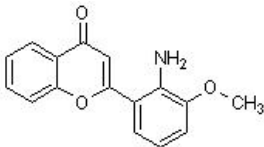


### PD 98059, MEK1 inhibitor ab120234

[23 References](#) [2 图像](#)

#### 概述

|       |  |
|-------|--|
| 产品名称  | PD 98059, MEK1抑制剂  |
| 描述    | MEK1抑制剂  |
| 生物学描述 | Inhibitor of MKK1 (MEK1).  |
| CAS编号 | 167869-21-8  |
| 化学结构  |  |

#### 性能

|            |  |
|------------|--|
| 化学名称       | 2-(2-Amino-3-methoxyphenyl)-4H-1-benzopyran-4-one  |
| 分子量        | 267.28   |
| 分子式        | C <sub>16</sub> H <sub>13</sub> NO <sub>3</sub>  |
| PubChem识别号 | 4713   |
| 存放说明       | Store at Room Temperature. The product can be stored for up to 12 months.  |
| 溶解度概述      | Soluble in DMSO to 25 mM and in ethanol to 5 mM  |
| 处理         | This product is supplied in one (or more) pack size which is freeze dried. Therefore the contents may not be readily visible, as they can coat the bottom or walls of the vial. Please see our <a href="#">FAQs</a> and <a href="#">information page</a> for more details on handling. |

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.

Toxic, refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

**SMILES** COc3cccc(C1=CC(=O)c2ccccc2O1)c3N

来源

Synthetic

应用

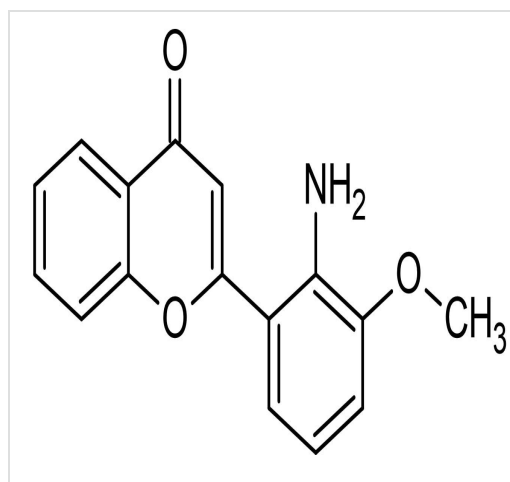
The Abpromise guarantee

**Abpromise™**承诺保证使用ab120234于以下的经测试应用

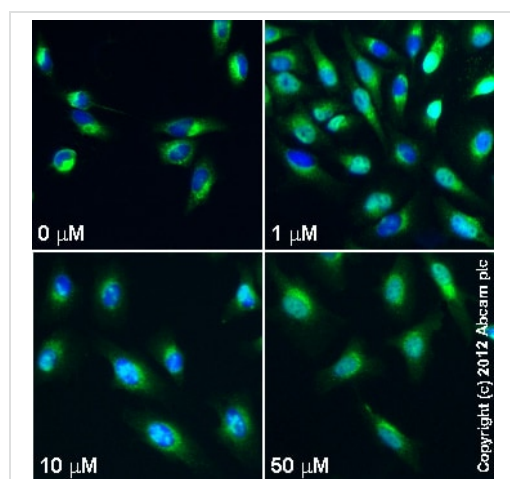
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

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

图片



2D chemical structure image of ab120234, PD 98059, MEK1 inhibitor

Chemical Structure - PD 98059, MEK1 inhibitor  
(ab120234)Immunocytochemistry/ Immunofluorescence - PD  
98059, MEK1 inhibitor (ab120234)

**ab18195** staining hnRNP K in HeLa cells treated with PD 98059 (ab120234), by ICC/IF. Changes in localization of hnRNP K (translocation from cytoplasm to nucleus) correlates with increased concentration of hnRNP K, as described in literature.

The cells were incubated at 37°C for 24h in media containing different concentrations of ab120234 (hnRNP K) 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 **ab18195** (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.

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

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