



碧云天生物技术/Beyotime Biotechnology  
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## Pifithrin- $\alpha$ (p53抑制剂)

| 产品编号       | 产品名称                         | 包装   |
|------------|------------------------------|------|
| S1816-5mg  | Pifithrin- $\alpha$ (p53抑制剂) | 5mg  |
| S1816-25mg | Pifithrin- $\alpha$ (p53抑制剂) | 25mg |

### 产品简介:

- 本Pifithrin- $\alpha$ 为Pifithrin- $\alpha$ ·hydrobromide, 简称Pft $\alpha$ , 是一种常用的p53抑制剂。Pifithrin- $\alpha$ 能可逆性地抑制p53依赖的基因转录激活, 例如cyclin G, p21/waf1和mdm2; 也可以抑制p53介导的细胞凋亡。
- 本产品可以用于细胞培养, 也可以用于动物实验。
- Pifithrin- $\alpha$ ·hydrobromide的分子量为367.30, 分子式为C<sub>16</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub>·HBr, CAS Number: 63208-82-2。本产品为进口分装, 纯度大于98%。
- Pifithrin- $\alpha$ 可溶于DMSO或甲醇。

### 包装清单:

| 产品编号       | 产品名称                         | 包装   |
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| S1816-25mg | Pifithrin- $\alpha$ (p53抑制剂) | 25mg |
| —          | 说明书                          | 1份   |

### 保存条件:

-20°C避光保存。

### 注意事项:

- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

### 使用说明:

1. Pifithrin- $\alpha$ 常见使用浓度范围为5-20 $\mu$ M。实际的最佳工作浓度请参考相关文献, 或根据实验目的, 以及所培养的特定细胞和组织, 通过实验进行摸索和优化。

### 使用本产品的文献:

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9. Liu YP, Dong FX, Chai X, Zhu S, Zhang BL, Gao DS. Role of Autophagy in Capsaicin-Induced Apoptosis in U251 Glioma Cells. Cell Mol Neurobiol. 2016 Jul;36(5):737-43.
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