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## SP600125 (JNK抑制剂)

产品编号	产品名称	包装
S1876-5mg	SP600125 (JNK抑制剂)	5mg
S1876-25mg	SP600125 (JNK抑制剂)	25mg
S1876-100mg	SP600125 (JNK抑制剂)	100mg

### 产品简介:

- SP600125也称Anthrapyrazolone或1,9-Pyrazoloanthrone, 是一种常用的c-Jun N-terminal kinase (JNK)的高选择性抑制剂。对于JNK1和JNK2的IC<sub>50</sub>为40nM, 对于JNK3的IC<sub>50</sub>为90nM。对于JNK的选择性抑制比对于ERK1和p38-MAPK的抑制高300倍以上。在细胞中, SP600125可以显著抑制JNK介导的c-Jun磷酸化, 抑制IL-2、IFN- $\gamma$ 、TNF- $\alpha$ 和COX2等基因的表达。
- SP600125常用于JNK信号途径(JNK signaling pathway)的研究。
- SP600125的分子量为220.23, 分子式为C<sub>14</sub>H<sub>8</sub>N<sub>2</sub>O, CAS Number: 129-56-6。本产品纯度大于98%。
- 本产品为进口分装, 可以溶解于DMSO(溶解度约为15mg/ml), 不溶于水。溶解于DMSO配制成的储存液可以在-20度稳定保存2个月。

### 包装清单:

产品编号	产品名称	包装
S1876-5mg	SP600125 (JNK抑制剂)	5mg
S1876-25mg	SP600125 (JNK抑制剂)	25mg
S1876-100mg	SP600125 (JNK抑制剂)	100mg
—	说明书	1份

### 保存条件:

-20°C避光保存, 一年有效。

### 注意事项:

- 本产品对人体有刺激性, 操作时请小心, 并注意适当防护以避免直接接触人体或吸入体内。
- 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. SP600125常见使用浓度范围为1-100 $\mu$ M, 最常见的使用浓度为10 $\mu$ M。具体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。

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Version 2016.12.12