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## SB203580 (p38 MAPK抑制剂)

产品编号	产品名称	包装
S1863-1mg	SB203580 (p38 MAPK抑制剂)	20mg/ml×0.05ml
S1863-5mg	SB203580 (p38 MAPK抑制剂)	5mg
S1863-25mg	SB203580 (p38 MAPK抑制剂)	25mg
S1863-100mg	SB203580 (p38 MAPK抑制剂)	100mg

### 产品简介:

- SB203580也写作SB 203580或SB-203580, 是一种常用的p38 MAPK抑制剂。SB203580可以通透细胞, 抑制p38 MAPK (p38 MAP kinase), 抑制后续MAPKAP Kinase-2和MAPKAP Kinase-3的激活。通过抑制p38 MAPK, SB203580可以有效抑制一些炎症因子(如IL-1 $\beta$ 、TNF- $\alpha$ )诱导的部分信号转导。SB203580选择性抑制p38 MAPK, IC<sub>50</sub>为600 nM; 对于JNK/SAPK和p44/42 MAPK (即Erk1/2)无显著的抑制作用, IC<sub>50</sub>仅为100  $\mu$ M。
- SB203580分子量为377.43, 分子式为C<sub>21</sub>H<sub>16</sub>N<sub>3</sub>FOS, CAS Number: 152121-47-6。本产品纯度大于99%。
- 本SB203580为进口分装, 其中20mg/ml包装产品用DMSO配制, 共0.05ml。5mg, 25mg和100mg包装为粉末装。

### 包装清单:

产品编号	产品名称	包装
S1863-1mg	SB203580 (p38 MAPK抑制剂)	20mg/ml×0.05ml
S1863-5mg	SB203580 (p38 MAPK抑制剂)	5mg
S1863-25mg	SB203580 (p38 MAPK抑制剂)	25mg
S1863-100mg	SB203580 (p38 MAPK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SB203580在4°C、冰浴等较低温度情况下会凝固而粘在离心管管底、管壁或管盖内, 可以20-25°C水浴温育片刻至全部融解后使用。
- 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. SB203580常见使用浓度范围为1-50 $\mu$ 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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