



碧云天生物技术/Beyotime Biotechnology  
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## H-89 (PKA抑制剂)

产品编号	产品名称	包装
S1643-1mg	H-89 (PKA抑制剂)	10mg/ml×0.1ml
S1643-5mg	H-89 (PKA抑制剂)	5mg
S1643-25mg	H-89 (PKA抑制剂)	25mg
S1643-100mg	H-89 (PKA抑制剂)	100mg

### 产品简介:

- H-89也称H89, 全称为N-[2-(p-Bromocinnamylamino)ethyl]-5-isoquinolinesulfonamide · 2HCl hydrate, 是一种常用的PKA抑制剂。H-89可以通透细胞, 可以选择性抑制cAMP、cGMP依赖的蛋白激酶PKA、PKG和PKC $\mu$ , 但对于PKA的选择性抑制作用更强。
- H-89分子量为519.28, 分子式为C<sub>20</sub>H<sub>20</sub>BrN<sub>3</sub>O<sub>2</sub>S · 2HCl, CAS Number: 127243-85-0。本产品纯度大于98%。
- 本H-89为进口分装, 其中10mg/ml包装产品用DMSO配制, 浓度接近20mM, 共0.1ml。5mg, 25mg和100mg包装为粉末装。

### 包装清单:

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S1643-25mg	H-89 (PKA抑制剂)	25mg
S1643-100mg	H-89 (PKA抑制剂)	100mg
—	说明书	1份

### 保存条件:

-20°C保存, 一年有效。

### 注意事项:

- 本产品对人体有害, 操作时请小心, 并注意有效防护以避免直接接触人体或吸入体内。
- 本H-89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. H-89常见使用浓度范围为10-30 $\mu$ M, 也有报道在1-50 $\mu$ M范围内使用。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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