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Staurosporine (PKC抑制剂)

产品编号	产品名称	包装
S1882	Staurosporine (PKC抑制剂)	0.1mg

产品简介:

- Staurosporine, 是一种可以通透细胞膜的蛋白激酶C(PKC)抑制剂, IC50达到0.7nM。在浓度较高时(1-20nM), 可以抑制CDK1/cyclin B, CDK2/cyclin A, CDK4/cyclin D, CDK/p25, GSK-3 β , PKA、PKG和CAMKII等蛋白激酶; 在50-100nM, 可以促进神经突起的生长(Neurite outgrowth); 在0.2-1 μ M, 可以诱导细胞凋亡。Staurosporine还可以抑制肿瘤细胞中VEGF的上调。
- Staurosporine分子量为466.53, 分子式为C₂₈H₂₆N₄O₃, CAS Number: 62996-74-1。本产品纯度大于98%。
- Staurosporine可溶于DMSO和DMF, 微溶于氯仿和甲醇, 不溶于水。
- 本Staurosporine用DMSO配制, 浓度为1 mM, 体积约为0.21ml, 经过滤除菌可直接用于细胞培养。

包装清单:

产品编号	产品名称	包装
S1882	Staurosporine (PKC抑制剂, 1mM)	0.1mg
—	说明书	1份

保存条件:

-20°C避光保存。-70°C避光保存更佳。

注意事项:

- 本产品对人体有毒, 操作时请特别小心, 并注意有效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. Staurosporine常见使用浓度范围为10-200nM。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。

使用本产品的文献:

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