碧云天网站 微信公众号

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Staurosporine (PKC抑制剂)

产品编号	产品名称	包装
S1883	Staurosporine (PKC抑制剂)	0.5mg

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-3β，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0.2-1μM，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$C_{28}H_{26}N_4O_3$，CAS Number：62996-74-1。本产品为进口分装，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1mM，体积约为0.21ml × 5，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
S1883	Staurosporine (PKC抑制剂, 1mM)	S1882 × 5管
—	说明书	1份

保存条件：

-20ºC避光保存。-70ºC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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Version 2016.12.12