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Ionomycin (钙离子载体)

产品编号	产品名称	包装
S1672-250nmol	Ionomycin (钙离子载体)	5mM×0.05ml
S1672-1μmol	Ionomycin (钙离子载体)	5mM×0.2ml
S1672-5mg	Ionomycin (钙离子载体)	5mg

产品简介:

- 本Ionomycin为Ionomycin calcium, 是一种常用的钙离子载体, 可以高度选择性结合钙离子($\text{Ca}^{2+} > \text{Mg}^{2+} \gg \text{Ba}^{2+}$), 并且比A23187的效果要好很多。Ionomycin在pH7.0和9.5直接可以结合钙离子, 并产生较强的紫外吸收。
- Ionomycin常用于转运钙离子穿过各种生物膜。加入Ionomycin最常用于提高细胞内的钙离子水平。通过提高细胞内钙离子水平, Ionomycin可以诱导神经细胞发生细胞凋亡, 可以诱导一些细胞产生cell cycle arrest, 也可以产生多种由于细胞内钙离子水平升高而产生的其它生物功能。
- Ionomycin分子量为747.07, 分子式为 $\text{C}_{41}\text{H}_{70}\text{CaO}_9$, CAS Number: 56092-82-1。本产品纯度大于98%。
- 本Ionomycin为进口分装, 其中5mM包装产品用DMSO配制, 有0.05ml和0.2ml两种包装。5mg包装为粉末装。

包装清单:

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S1672-250nmol	Ionomycin (钙离子载体)	5mM×0.05ml
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S1672-5mg	Ionomycin (钙离子载体)	5mg
—	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Ionomycin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. Ionomycin常见使用浓度范围为1-10μM。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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