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Caspase 3 抑制剂 Ac-DEVD-CHO

| 产品编号 | 产品名称 | 包装 |
|------------|-------------------------|------------|
| C1206-10mM | Caspase 3抑制剂Ac-DEVD-CHO | 10mM×0.1ml |
| C1206-5mg | Caspase 3抑制剂Ac-DEVD-CHO | 5mg |

产品简介:

- Caspase 3抑制剂Ac-DEVD-CHO (Caspase 3 Inhibitor Ac-DEVD-CHO)是一种非常强的Caspase 3抑制剂,可以抑制由Caspase 3激活导致的细胞凋亡。也可以抑制Caspase 7。
- 本Caspase 3抑制剂Ac-DEVD-CHO是一种可逆的Caspase 3抑制剂,分子式为N-Acetyl-Asp-Glu-Val-Asp-CHO,即C₂₀H₃₀N₄O₁₁,分子量为502.5,纯度>95%。
- Caspase 3抑制剂Ac-DEVD-CHO是最常用的细胞凋亡抑制剂之一,常用于观察特定的细胞凋亡是否通过Caspase 3激活来介导。
- Caspase 3抑制剂Ac-DEVD-CHO可以用于抑制培养细胞内的Caspase 3,也可用于抑制体外纯化或粗抽提的Caspase 3。在体外对Caspase 3的IC₅₀=200pM。
- 本Caspase 3抑制剂Ac-DEVD-CHO 10mM包装产品配制在DMSO中,可以直接使用。5mg包装为粉末装。

包装清单:

| 产品编号 | 产品名称 | 包装 |
|------------|-------------------------|------------|
| C1206-10mM | Caspase 3抑制剂Ac-DEVD-CHO | 10mM×0.1ml |
| C1206-5mg | Caspase 3抑制剂Ac-DEVD-CHO | 5mg |
| — | 说明书 | 1份 |

保存条件:

-20°C保存,一年有效。

注意事项:

- 如果每次使用量少,使用次数较多,请适当分装。反复冻融会影响本抑制剂的使用效果。
- 如果希望适当稀释后再分装保存,请使用DMSO进行稀释。
- 本Caspase 3抑制剂Ac-DEVD-CHO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. Caspase 3抑制剂Ac-DEVD-CHO在终浓度为20-100μM时可以非常显著地抑制大多数细胞凋亡诱导剂诱导的细胞凋亡。Caspase 3抑制剂Ac-DEVD-CHO抑制细胞凋亡的最佳浓度需针对特定的细胞凋亡自行摸索。
2. Caspase 3抑制剂Ac-DEVD-CHO用于抑制细胞凋亡时至少需要和细胞凋亡诱导剂同时加入,或者需在细胞凋亡诱导剂加入前10-30分钟加入到细胞培养液中,或参考相关文献进行。
3. 如果用于抑制纯化或粗抽提的Caspase,推荐Caspase 3抑制剂Ac-DEVD-CHO的使用浓度为100nM。

使用本产品的文献:

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