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## Caspase 抑制剂 Z-VAD-FMK

产品编号	产品名称	包装
C1202-0.02ml	Caspase抑制剂Z-VAD-FMK	20mM×0.02ml
C1202-0.1ml	Caspase抑制剂Z-VAD-FMK	20mM×0.1ml
C1202-5mg	Caspase抑制剂Z-VAD-FMK	5mg

### 产品简介:

- Caspase抑制剂Z-VAD-FMK (Caspase Inhibitor Z-VAD-FMK)是一种可以穿透细胞膜的泛Caspase抑制剂(Cell permeable pan caspase inhibitor), 可以抑制由Caspase激活导致的细胞凋亡。
- 本Caspase抑制剂Z-VAD-FMK是一种不可逆的Caspase广谱抑制剂, 分子式为Z-Val-Ala-Asp-CH<sub>2</sub>F, 即C<sub>21</sub>H<sub>28</sub>FN<sub>3</sub>O<sub>7</sub>, 分子量为453.5, 纯度>95%。
- Caspase抑制剂Z-VAD-FMK是一种最常用的细胞凋亡抑制剂, 常用于观察特定的细胞凋亡是否通过Caspase激活来介导。
- Caspase抑制剂Z-VAD-FMK不仅可以穿透细胞膜抑制细胞内的Caspase, 也可以用于抑制体外纯化或粗抽提的Caspase。
- 本Caspase抑制剂Z-VAD-FMK 20mM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
C1202-0.02ml	Caspase抑制剂Z-VAD-FMK	20mM×0.02ml
C1202-0.1ml	Caspase抑制剂Z-VAD-FMK	20mM×0.1ml
C1202-5mg	Caspase抑制剂Z-VAD-FMK	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抑制剂Z-VAD-FMK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抑制剂Z-VAD-FMK在终浓度为20μM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抑制剂Z-VAD-FMK抑制细胞凋亡的常见有效浓度范围为5-100μM。
2. Caspase抑制剂Z-VAD-FMK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抑制剂Z-VAD-FMK与待测样品预孵育10-20分钟, 再进行后续测定。

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