



碧云天生物技术/Beyotime Biotechnology  
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## MeOSuc-AAPF-CMK (蛋白酶K抑制剂)

产品编号	产品名称	包装
P1070-5mg	MeOSuc-AAPF-CMK (蛋白酶K抑制剂)	5mg
P1070-25mg	MeOSuc-AAPF-CMK (蛋白酶K抑制剂)	25mg
P1070-100mg	MeOSuc-AAPF-CMK (蛋白酶K抑制剂)	100mg

### 产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
137259-05-3	$C_{26}H_{35}ClN_4O_7$	551.03	≥99% (HPLC)	BioReagent

### ➤ 基本信息(General Information):

Name (Chinese)	蛋白酶K抑制剂
Name (English)	Proteinase K Inhibitor; MeOSuc-AAPF-CMK; MeOSuc-Ala-Ala-Pro-Phe-CH <sub>2</sub> Cl
Specifications	An active-site-targeting irreversible inhibitor against proteinase K.
Chemical Formula	$C_{26}H_{35}ClN_4O_7$
Synonym (Chinese)	蛋白酶K抑制剂
Synonym (English)	Proteinase K Inhibitor
Beilstein Registry No.	-
EINECS Number	-
MDL Number	-
UNSPSC Code	12352200

### ➤ 产品描述(Description):

Application	A tetrapeptidyl chloromethyl ketone compound that acts as an active-site-targeting irreversible inhibitor against proteinase K (ST533/ST535/ST537) [1]. Shown to be more potent than MeOSuc-AAPV-CMK in preventing the degradation of reverse transcriptase and albumin by proteinase K. To inhibit residue activity of proteinase K in biological samples, or to be added in samples pretreated with proteinase K.
Sequence	MeOSuc-Ala-Ala-Pro-Phe-CH <sub>2</sub> Cl

### ➤ 性质(Properties):

Color	White to off-white
Solubility	DMSO: >3mg/ml
Storage Condition	OK to freeze; desiccated; protect from light; Protect from moisture

### ➤ 安全信息(Safety Information):

Hazard Pictogram Codes	-
Signal Word	-
Hazard Statements	-
Precautionary Statements	-
Personal Protective Equipment	-
Hazard Codes (Europe)	-
Risk Codes (Europe)	-
Safety Codes (Europe)	-
RIDADR	-

WGK Germany	1
RTECS	-
Flash Point (F)	-
Flash Point (C)	-

**包装清单:**

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—	说明书	1份

**保存条件:**

-20°C保存，一年有效。-80°C可以保存更长时间。

**注意事项:**

- 配制成溶液后，分装并-20°C或-80°C保存。贮备溶液在-20°C下可稳定保存长达1周。
- 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。

**参考文献:**

1. Kore AR, Shanmugasundaram M, Hoang Q, Kuo M, et al. Bioorg Med Chem Lett. 2009. 19(5):1296-300.

Version 2024.08.31