

## 苯甲基磺酰氟溶液(PMSF, 100mmol/L)

### 产品简介:

蛋白酶抑制剂由很多种, 包括 EDTA、E-64、NaVO<sub>3</sub>、亮抑酶肽、抑肽酶、胰蛋白酶抑制剂等均可有效抑制蛋白的降解, 并维持原有的蛋白间相互作用, 苯甲基磺酰氟即 Phenylmethanesulfonyl fluoride, 简称为 PMSF, 分子式为 C<sub>7</sub>H<sub>7</sub>FO<sub>2</sub>S, 分子量为 174.19, 纯度 > 99%。

PMSF 为常用生化试剂, 采用进口试剂配制, 可抑制丝氨酸蛋白酶如胰蛋白酶(trypsin)和胰凝乳蛋白酶(chymotrypsin), 也可抑制半胱氨酸蛋白酶和乙酰胆碱酯酶, 其有效浓度为 0.1 ~ 1mM。该试剂仅用于科研领域, 不适用于临床诊断或其他用途。

### 产品组成:

名称	编号			Storage
	PI0011	PI0011	PI0011	
PMSF Solution(100mmol/L)	1.5ml	5ml	10ml	-20°C
使用说明书	1 份			

### 操作步骤(仅供参考):

1、使用前 PMSF 充分溶解混匀, 根据溶液的量加入 PMSF Solution(100mmol/L), 使其终浓度达到 1mM。

### 注意事项:

- 1、PMSF 有轻微毒性, 小心操作。
- 2、为了您的安全和健康, 请穿实验服并戴一次性手套操作。
- 3、试剂开封后请尽快使用, 以防影响后续实验效果。

**有效期:** 12 个月有效; 低温运输, -20°C 保存。

### 相关产品:

产品编号	产品名称
PI0015	蛋白酶抑制剂混合液(100×PIC)
PS0013	RIPA 裂解液(强)
PT0001	BCA 法蛋白定量试剂盒
DH0006	苏木素伊红(HE)染色液(醇溶)
TO1013	丙二醛(MDA)检测试剂盒(TBA 比色法)

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