

## PMSF

Cat. No. CEI-0645

Lot. No. (See product label)

### Introduction

#### Description

An irreversible inhibitor of serine proteases (such as thrombin, trypsin and chymotrypsin) and mammalian acetylcholinesterase. It causes sulfonylation of the active-site serine residues. Inhibits cysteine proteases like papain (reversible by DTT treatment). Also inhibits internucleosomal DNA fragmentation in immature thymocytes.

### Product Information

<b>Appearance</b>	White solid
<b>CAS No.</b>	329-98-6
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>7</sub> FO <sub>2</sub> S
<b>Chemical Name</b>	α-Toluenesulfonyl fluoride, Benzylsulfonyl fluoride, Phenylmethylsulfonyl fluoride
<b>Molecular Weight</b>	454.95
<b>Purity</b>	>97% by NMR
<b>Targets</b>	F2
<b>Solubility</b>	DMSO

### Storage and Shipping Information

<b>Storage</b>	-20 centigrade
<b>Shipping Conditions</b>	Gel pack