

## 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

**Appearance** White solid

**CAS No.** 329-98-6

**Molecular Formula** C<sub>7</sub>H<sub>7</sub>FO<sub>2</sub>S

**Chemical Name** α-Toluenesulfonyl fluoride, Benzylsulfonyl fluoride, Phenylmethylsulfonyl fluoride

**Molecular Weight** 454.95

**Purity** >97% by NMR

**Targets** F2

**Solubility** DMSO

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack