



Product Specifications

PMSF PHENYLMETHYL SULFONYL FLUORIDE

<u>Catalog #</u>	<u>Size</u>
IB01090	5gm

Physical Specifications

CAS#	329-98-6
Appearance	White power
Formula Weight	174.02
Molecular Formula	$C_6H_5CH_2SO_2F$
Purity	>99.0%
Melting Point	$93 \pm 2^\circ C$
Solubility (5% EtOH)	Pass
Identification	Pass
TLC	One spot

Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected

Recommended Use

An irreversible serine protease inhibitor of trypsin, chymotrypsin, kallikrein, subtilisin and thrombin as well as cysteine protease papain.

Working Range:

0.1 to 1.0 mM

0.2 Soluble in Ethanol and Methanol

Storage

Store at room temperature. Keep tightly sealed. Protect from moisture.

Warning

Toxic. Toxic by inhalation. May be harmful or fatal if swallowed. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Wash thoroughly with water after handling. See Material Safety Data Sheet for additional information.