

Phenylmethylsulfonyl Fluoride (PMSF)

Catalogue No.: abx090634

Phenylmethylsulfonyl fluoride (PMSF) is a biochemical reagent for common use. It can be used for irreversible inhibition of serine proteases, for example trypsin, chymotrypsin, callicrein, subtilisin and thrombin. It also can be used for inhibiting homocysteine protease-papain. This product is supplied as two tubes: one tube containing PMSF in crystalline form, and one tube containing a buffer solution which can be used to prepare a 100 mM PMSF solution.

Tested Applications: WB

Storage: Store the crystalline form at -20°C and the buffer solution at room temperature. After preparing the 100 mM PMSF solution, store at -20°C.

Molecular Weight: 174.19 g/mol

Molecular Formula: C₇H₇FO₂S

Concentration: 100 mM (when prepared in the provided buffer solution)

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Directions for use: Add the entire tube of crystalline PMSF into the buffer solution to prepare a 10 ml PMSF solution (100 mM).