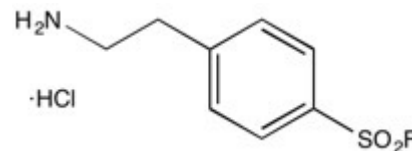


AEBSF HCl, Protease inhibitor

Catalog	Unit
TBI1348-50MG	50 mg
TBI1348-250MG	250 mg

Product Details

Formal Name: 4-(2-Aminoethyl)benzenesulfonyl fluoride hydrochloride
Molecular Formula: C₈H₁₀FNO₂S HCl
Formula Weight: 239.69
CAS Number: 30827-99-7
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 25 mg/ml) or in Water (up to 100 mg/ml).
Storage: -20°C
Stability: ≥ 1 year.



Applications

Protease inhibitor

Functions

Irreversible inhibitor of serine proteases including trypsin, chymotrypsin, plasmin, plasma kallikrein and thrombin. Stable, non-toxic and water-soluble alternative to PMSF. Typical working concentrations are 0.1-1 mg/ml. May be used in cell culture or in cell lysis buffers. Inhibits NADPH oxidase activation.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Water (up to 100 mg/ml), then diluted to aqueous buffer. Solutions at pH <7 are stable for up to 6 months if stored in the refrigerator

For research use only.