

Product Information

Serine protease inhibitor AEBSF HCl, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ790

Size: 200 mg; 500 mg; 1 g

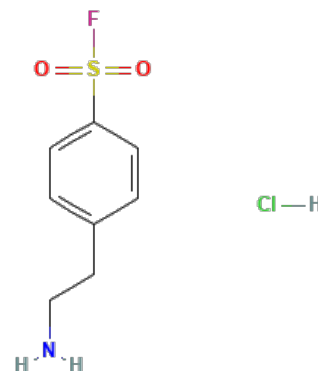
MDL: MFCD00132962

CAS Number: 30827-99-7

Compound CID: 186136

Synonym: 30827-99-7; Serine protease inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	AEBSF HCl, soluble in DMSO, water and ethanol, is a molecule that plays a crucial role in regulating various physiological processes by inhibiting the activity of serine proteases. It targets serine protease.
Molecular Weight	239.69
Molecular Formula	C ₈ H ₁₁ ClFNO ₂ S
Targets	Serine protease
IUPAC Name	4-(2-Aminoethyl)benzenesulfonyl fluoride;hydrochloride
InChI	InChI=1S/C8H10FNO2S.ClH/c9-13(11,12)8-3-1-7(2-4-8)5-6-10;/h1-4H,5-6,10H2;1H
InChI Key	WRDABNWSWOHGMS-UHFFFAOYSA-N
Canonical SMILES	C1=CC(=CC=C1CCN)S(=O)(=O)F.Cl
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 46 mg/mL (191.91 mM); Water: 20 mg/mL (83.44 mM); Ethanol: 46 mg/mL (191.91 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	AEBSF HCl is applied to research its ability to inhibit serine proteases, impacting studies on blood coagulation and inflammation.
Storage	Store at -20°C, and keep desiccated.



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