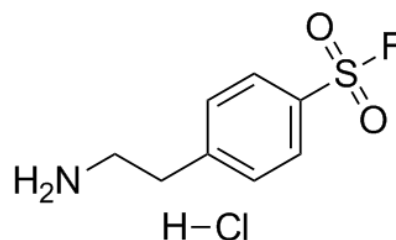


Product Name : AEBSF
Cat. No. : PC-43231
CAS No. : 30827-99-7
Molecular Formula : C₈H₁₁ClFNO₂S
Molecular Weight : 239.6948
Target : Other Targets
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

AEBSF is an irreversible **serine protease** inhibitor that inhibits proteases like chymotrypsin, kallikrein, plasmin, thrombin, and trypsin.

AEBSF inhibits the constitutive production of Aβ by directly inhibiting β-secretase in different human cell lines, both neural and nonneural.

AEBSF inhibits the lysis of leukemic cells by human macrophages without inhibiting macrophage secretion of TNF-α and IL-1β.

AEBSF also disturbs the growth of blastocysts on endometrial cells and inhibits the adhesion of HeLa cells on HUVECs by altering the protein secretion pattern.

AEBSF inhibits the rat embryo implantation in vivo.

References

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 Nakabo Y, et al. *J Leukoc Biol*. 1996 Sep;60(3):328-36.
 Buitrago-Rey R, et al. *J Antimicrob Chemother*. 2002 May;49(5):871-4.
 Jiang YH, et al. *Contraception*. 2011 Dec;84(6):642-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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