CD BioGlyco

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Product Information

Acrivastine

Cat. No.: X23-12-YM1100

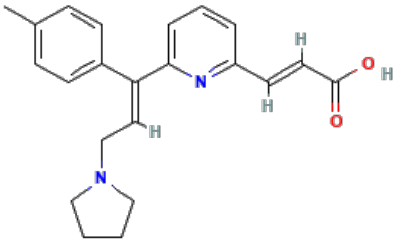
Size: 10 mg; 50 mg; 100 mg; 500 mg

CAS Number: 87848-99-5

Compound CID: 5284514

Synonym: 87848-99-5; Semprex; Acrivastin; Acrivastinum; Acrivastina

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



Product Information

Description	Acrivastine, soluble in DMSO, inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	348.44
Molecular Formula	$C_{22}H_{24}N_2O_2$
IUPAC Name	(*E*)-3-[6-[(*E*)-1-(4-Methylphenyl)-3-pyrrolidin-1-ylprop-1-enyl]pyridin-2-yl]prop-2-enoic acid
InChI	InChI=1S/C22H24N2O2/c1-17-7-9-18(10-8-17)20(13-16-24-14-2-3-15-24)21-6-4-5-19(23-21)11-12-22(25)26/h4-13H,2-3,14-16H2,1H3,(H,25,26)/b12-11+,20-13+
InChI Key	PWACSDKDOHSSQD-IUTFFREVSA-N
Canonical SMILES	CC1=CC=C(C=C1)C(=CCN2CCCC2)C3=CC=CC(=N3)C=CC(=O)O
Isomeric SMILES	CC1=CC=C(C=C1)/C(=C\CN2CCCC2)/C3=CC=CC(=N3)/C=C/C(=O)O
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 10 mg/mL (28.69 mM)
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Acrivastine can be studied for its effect on blocking the effects of histamine.
Storage	Store at -20°C, and keep desiccated.