

Product Information

Flutonidine

Cat. No.: X23-12-YM1477

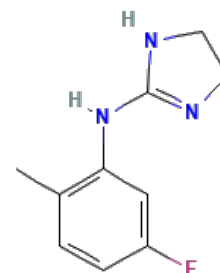
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 28125-87-3

Compound CID: 65761

Synonym: 28125-87-3; ST 600

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



Product Information

Description	Flutonidine inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	193.22
Molecular Formula	C ₁₀ H ₁₂ FN ₃
IUPAC Name	<i>N</i> -(5-Fluoro-2-methylphenyl)-4,5-dihydro-1 <i>H</i> -imidazol-2-amine
InChI	InChI=1S/C10H12FN3/c1-7-2-3-8(11)6-9(7)14-10-12-4-5-13-10/h2-3,6H,4-5H2,1H3,(H2,12,13,14)
InChI Key	UYIZEUBMWCOJFF-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C=C(C=C1)F)NC2=NCCN2
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Flutonidine can be used for its ability to inhibit tumor growth, induce apoptosis in cancer cells, or interfere with specific signaling pathways implicated in cancer progression.
Storage	Store at -20°C, and keep desiccated.