



Product Information

Rupatadine

Cat. No.: X23-12-YM515

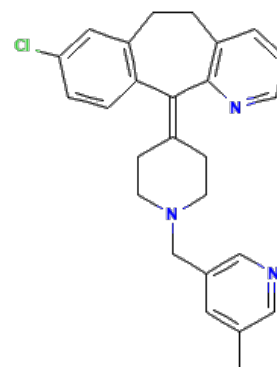
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 158876-82-5

Compound CID: 133017

Synonym: 158876-82-5; Rinialer; Pafinur; Rupax

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



Product Information

Description	Rupatadine, soluble in DMSO and ethanol and insoluble in water, inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	415.96
Molecular Formula	C ₂₆ H ₂₆ ClN ₃
IUPAC Name	13-Chloro-2-[1-[(5-methylpyridin-3-yl)methyl]piperidin-4-ylidene]-4-azatricyclo[9.4.0.0.3,8]pentadeca-1(11),3(8),4,6,12,14-hexaene
InChI	InChI=1S/C26H26ClN3/c1-18-13-19(16-28-15-18)17-30-11-8-20(9-12-30)25-24-7-6-23(27)14-22(24)5-4-21-3-2-10-29-26(21)25/h2-3,6-7,10,13-16H,4-5,8-9,11-12,17H2,1H3
InChI Key	WUZYKBABMWJHDL-UHFFFAOYSA-N
Canonical SMILES	CC1=CC(=CN=C1)CN2CCC(=C3C4=C(CCC5=C3N=CC=C5)C=C(C=C4)Cl)CC2
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 8 mg/mL (15.03 mM); Water: insoluble; Ethanol: 12 mg/mL (22.55 mM)
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Rupatadine can be used to alleviate these symptoms by blocking the histamine receptors in the nasal passages and reducing the allergic response.
Storage	Store at -20°C, and keep desiccated.