



Product Information

Levocetirizine dihydrochloride

Cat. No.: X23-12-YM1082

Size: 10 mg; 50 mg; 100 mg; 200 mg

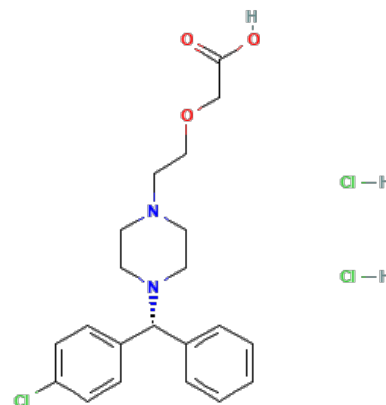
CAS Number: 130018-87-0

Compound CID: 9955977

Synonym: 130018-87-0; (-)-Cetirizine; UCB 28556; UCB28556; UCB-28556; Xusal;

Xyzal; Levocetirizine dihydrochloride

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



Product Information

Description	Levocetirizine Dihydrochloride, soluble in DMSO, ethanol and water, inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	461.8
Molecular Formula	C ₂₁ H ₂₇ Cl ₃ N ₂ O ₃
IUPAC Name	2-[2-[4-[(R)-(4-Chlorophenyl)-phenylmethyl]piperazin-1-yl]ethoxy]acetic acid;dihydrochloride
InChI	InChI=1S/C21H25ClN2O3.2ClH/c22-19-8-6-18(7-9-19)21(17-4-2-1-3-5-17)24-12-10-23(11-13-24)14-15-27-16-20(25)26;;/h1-9,21H,10-16H2,(H,25,26);2*1H/t21-;;/m1../s1
InChI Key	PGLIUCLTXOYQMV-GHVWMZMZA-N
Canonical SMILES	C1CN(CCN1CCOCC(=O)O)C(C2=CC=CC=C2)C3=CC=C(C=C3)Cl.Cl.Cl
Isomeric SMILES	C1CN(CCN1CCOCC(=O)O)[C@H](C2=CC=CC=C2)C3=CC=C(C=C3)Cl.Cl.Cl
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 91 mg/mL (197.04 mM); Water: 91 mg/mL (197.04 mM); Ethanol: 7 mg/mL (15.15 mM)
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Levocetirizine dihydrochloride can be studied for its effect on blocking the action of histamine, a substance in the body that triggers allergic reactions.
Storage	Store at -20°C, and keep desiccated.