



Product Information

Antazoline HCl

Cat. No.: X23-12-YM1017

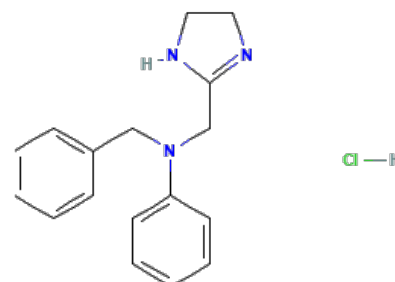
Size: 100 mg; 250 mg; 500 mg; 1000 mg

CAS Number: 2508-72-7

Compound CID: 17275

Synonym: 2508-72-7; Phenazoline hydrochloride

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



Product Information

Description	Antazoline HCl inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	301.81
Molecular Formula	C ₁₇ H ₁₉ N ₃ ·HCl
IUPAC Name	<i>N</i> -Benzyl- <i>N</i> -(4,5-dihydro-1 <i>H</i> -imidazol-2-ylmethyl)aniline;hydrochloride
InChI	InChI=1S/C17H19N3.ClH/c1-3-7-15(8-4-1)13-20(14-17-18-11-12-19-17)16-9-5-2-6-10-16;/h1-10H,11-14H2,(H,18,19);1H
InChI Key	SWKDMSRRIBZZAY-UHFFFAOYSA-N
Canonical SMILES	C1CN=C(N1)CN(CC2=CC=CC=C2)C3=CC=CC=C3.Cl
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Antazoline HCl can be studied for its effect on blocking the action of histamine, a chemical released during allergic reactions, thereby reducing inflammation and discomfort in the eyes.
Storage	Store at -20°C, and keep desiccated.