

Product Information

Alfuzosin HCl

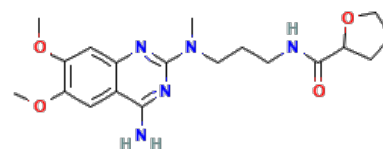
Cat. No.: X23-12-YM426

Size: 10 mg; 50 mg; 100 mg; 250 mg

CAS Number: 81403-68-1

PubChem CID: 71764

Synonym: 81403-68-1; Uroxatral



Cl-H

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

Product Information

Description	Alfuzosin HCl, soluble in DMSO, ethanol and water, inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	425.9
Molecular Formula	C ₁₉ H ₂₇ N ₅ O ₄ ·HCl
IUPAC Name	N-[3-[(4-Amino-6,7-dimethoxyquinazolin-2-yl)-methylamino]propyl]oxolane-2-carboxamide;hydrochloride
InChI	InChI=1S/C19H27N5O4.ClH/c1-24(8-5-7-21-18(25)14-6-4-9-28-14)19-22-13-11-16(27-3)15(26-2)10-12(13)17(20)23-19;/h10-11, 14H, 4-9H2, 1-3H3, (H, 21, 25)(H2, 20, 22, 23);1H
InChI Key	YTNKWDJILNVLGX-UHFFFAOYSA-N
Canonical SMILES	CN(CCCNC(=O)C1CCCO1)C2=NC3=CC(=C(C=C3C(=N2)N)OC)OC.Cl
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 83 mg/mL (194.87 mM); Water: 83 mg/mL (194.87 mM); Ethanol: 83 mg/mL (194.87 mM)
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Alfuzosin HCl can be used to help alleviate lower urinary tract symptoms commonly associated with BPH, such as incomplete emptying of the bladder, nocturia (frequent urination at night), and urinary retention.
Storage	Store at -20°C, and keep desiccated.