

Product Information

Tamsulosin hydrochloride

Cat. No.: X23-12-YM705

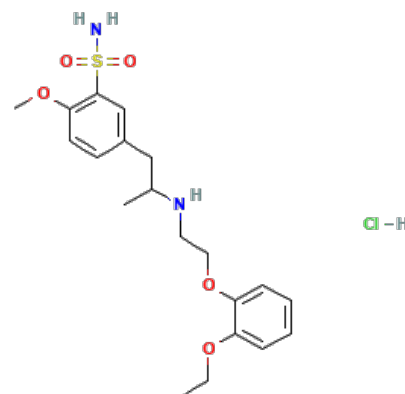
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 80223-99-0

Compound CID: 6917671

Synonym: 80223-99-0; Tamsulosin HCl

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



Product Information

Description	Tamsulosin hydrochloride inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	444.97
Molecular Formula	C ₂₀ H ₂₉ ClN ₂ O ₅ S
IUPAC Name	5-[2-[2-(2-Ethoxyphenoxy)ethylamino]propyl]-2-methoxybenzenesulfonamide;hydrochloride
InChI	InChI=1S/C20H28N2O5S.ClH/c1-4-26-17-7-5-6-8-18(17)27-12-11-22-15(2)13-16-9-10-19(25-3)20(14-16)28(21,23)24;/h5-10,14-15,22H,4,11-13H2,1-3H3,(H2,21,23,24);1H
InChI Key	ZZZZTHXZRDOFM-UHFFFAOYSA-N
Canonical SMILES	CCOC1=CC=CC=C1OCCNC(C)CC2=CC(=C(C=C2)OC)S(=O)(=O)N.Cl
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Tamsulosin hydrochloride can be used for its ability to relax the smooth muscle, thereby improving urinary flow and reducing symptoms such as hesitancy, urgency, frequency, and nocturia associated with BPH.
Storage	Store at -20°C, and keep desiccated.