

## Product Information

### Tamsulosin

**Cat. No.:** X23-12-YM684

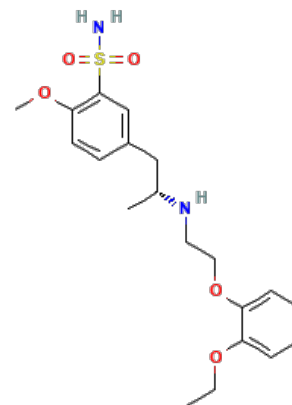
**Size:** 10 mg; 25 mg; 50 mg; 100 mg

**CAS Number:** 106133-20-4

**Compound CID:** 129211

**Synonym:** 106133-20-4; (-)-Tamsulosin; Tamsulon; Flowmax

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



### Product Information

<b>Description</b>	Tamsulosin inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets $\alpha$ adrenergic receptor, and $\alpha$ 1-adrenergic receptor.
<b>Molecular Weight</b>	408.51
<b>Molecular Formula</b>	$C_{20}H_{28}N_2O_5S$
<b>Targets</b>	$\alpha$ Adrenergic receptor; $\alpha$ 1-Adrenergic receptor
<b>IUPAC Name</b>	5-[(2R)-2-[2-(2-Ethoxyphenoxy)ethylamino]propyl]-2-methoxybenzenesulfonamide
<b>Canonical SMILES</b>	<chem>CCOC1=CC=CC=C1OCCNC(C)CC2=CC(=C(C=C2)OC)S(=O)(=O)N</chem>
<b>Form</b>	Lyophilized powder
<b>Purity</b>	>98%
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	Tamsulosin can be studied for its effect on relaxing the muscles in the prostate and bladder neck.
<b>Storage</b>	Store at $-20^{\circ}\text{C}$ , and keep desiccated.