



Product Information

Product ID T0251

CAS No. 106463-17-6

Chemical Name 5-[(2R)-2-[[2-(2-Ethoxy-phenoxy)-ethyl]amino]propyl]-2-methoxybenzenesulfonamide hydrochloride

Synonym Flomax, Harnal, Pradif

Formula C₂₀H₂₈N₂O₅S · HCl

Formula Wt. 444.98

Melting Point 228-230 °C

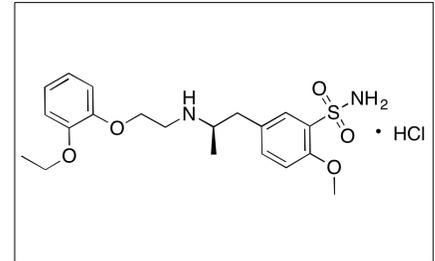
Purity ≥98%

Solubility Slightly soluble in water to 10 mM. Weakly soluble in methanol. DMSO to 100 mM.

Store Temp 4 °C

Ship Temp Ambient

Description Tamsulosin is an α₁-adrenergic receptor antagonist that is clinically used to treat benign prostatic hyperplasia (BPH). Tamsulosin inhibits peristaltic activity, increases bladder blood flow, and decreases bladder overactivity.



Bulk quantities available upon request

Product ID	Size
T0251	10 mg
T0251	25 mg
T0251	100 mg

References Okutsu H, Matsumoto S, Ohtake A, et al. Effect of tamsulosin on bladder blood flow and bladder function in a rat model of bladder over distention/emptying induced bladder overactivity. J Urol. 2011 Dec;186(6):2470-7. PMID: 22019173.

Barkin J. Review of dutasteride/tamsulosin fixed-dose combination for the treatment of benign prostatic hyperplasia: efficacy, safety, and patient acceptability. Patient Prefer Adherence. 2011;5:483-90. PMID: 22003286.

Rajpathy J, Aswathaman K, Sinha M, et al. An in vitro study on human ureteric smooth muscle with the alpha1-adrenoceptor subtype blocker, tamsulosin. BJU Int. 2008 Dec;102(11):1743-5. PMID: 18778345.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.