

Tamsulosin (hydrochloride)

Catalog No: tcsc2897



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

106463-17-6

Formula:

$C_{20}H_{29}ClN_2O_5S$

Pathway:

GPCR/G Protein

Target:

Adrenergic Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

(R)-(-)-YM12617;LY253351

Observed Molecular Weight:

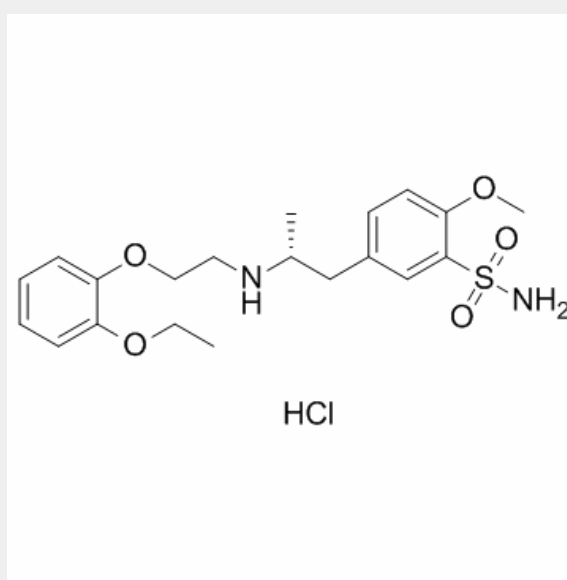
444.97

Product Description

Tamsulosin hydrochloride((R)-(-)-YM12617;LY253351) is a selective $\alpha 1$ receptor antagonist.

Target: $\alpha 1$ receptor

Tamsulosin is a selective $\alpha 1$ receptor antagonist that has preferential selectivity for the $\alpha 1A$ receptor in the prostate versus the $\alpha 1B$ receptor in the blood vessels. Tamsulosin-treated patients had a 0.30-fold lower risk of developing acute urinary retention compared with control patients. None of the International Continence Society male questionnaire domain scores showed significant changes between the groups [1]. tamsulosin can be recommended for treating men after catheterization for AUR, and can reduce the likelihood of the need for re-catheterization [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!