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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2025

**Product Name: Tamsulosin EP Impurity G**

### Identification:

Chemical Name: 5-[(2S)-2-[[2-(2-Ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy benzene sulfonamide hydrochloride

Synonyms : Tamsulosin S-Isomer

CAS Number : 106463-19-8

CAT Number : CP-T7007

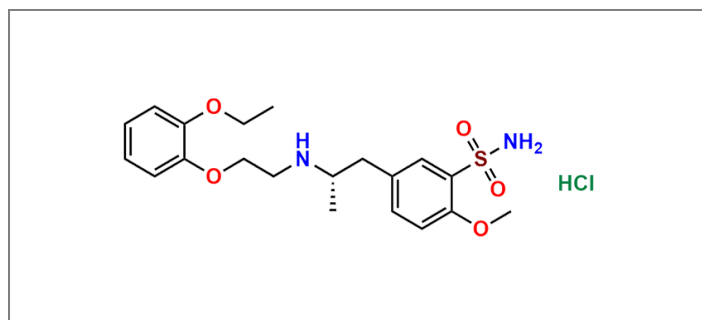
Molecular Formula : C<sub>20</sub>H<sub>28</sub>N<sub>2</sub>O<sub>5</sub> : HCl

Molecular Weight : 408.51 : 36.46

Batch Number : TSG002012021

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.94%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.33%
8)	Potency by TGA	98.61%



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.