

CERTIFICATE OF ANALYSIS

(Certificate No. KMT024020-01)

Release Date: 16/05/2026

Re-test Date: 15/05/2029

TAMSULOSIN IMPURITY-D (METHOXY)

Identification

Chemical Name :

2-Methoxy-5-[(2R)-2-[[2-(2-methoxyphenoxy)ethyl]amino]propyl]benzenesulfonamide (as per EP) ; 5-[(2R)-2-[[2-(2-methoxyphenoxy)ethyl] amino]propyl] benzenesulfonamide (as per USP)

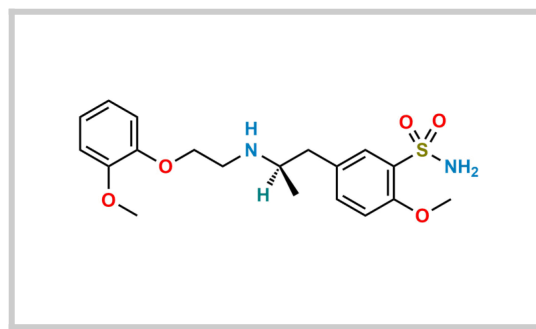
Alt. Name : Tamsulosin Desmethoxy Impurity (USP)

CAT No. : KMT024020

CAS No. : 1799280-05-9

Molecular Formula : C₁₉H₂₆N₂O₅S

Molecular Weight : 394.5



Analytical Information

Batch No. : T024020-114-322

Description : White Solid

HPLC Purity : 99.74 %

Weight Loss By TGA : 1.22 %

% Potency : 98.52 %

Solubility : ACN : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.22(Weight Loss By TGA)] x [99.74(HPLC Purity)]/100 = 98.52 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		16/05/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA