

CERTIFICATE OF ANALYSIS

(Certificate No. KMS004001-01)

Release Date: 18/03/2024

Re-test Date: 17/03/2027

Silodosin Nitroso Impurity

Identification

Chemical Name :

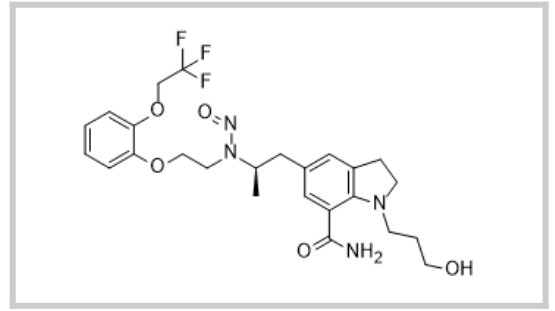
(R)-1-(3-hydroxypropyl)-5-(2-(nitroso(2-(2-(2,2,2-trifluoroethoxy)phenoxy)ethyl)amino)propyl)indoline-7-carboxamide

CAT No. : KMS004001

CAS No. : Not Available

Molecular Formula : C₂₅H₃₁F₃N₄O₅

Molecular Weight : 524.53



Analytical Information

Batch No. : SIL-N-NO-073-130

Solubility : ACN

Description : Brown Thick Syrup

Mass : Confirm

HPLC Purity : 98.84 %

IR : Confirm

Weight Loss By TGA : 3.11 %

¹H NMR : Confirm

% Potency : 95.77 %

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 - 3.11(Weight Loss By TGA)] x [98.84(HPLC Purity)]/100 = 95.77 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/03/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA