CERTIFICATE OF ANALYSIS

(Certificate No. KMS004001-02)

Release Date: 29/11/2025 **Re-test Date:** 28/11/2028

Silodosin Nitroso Impurity

Identification

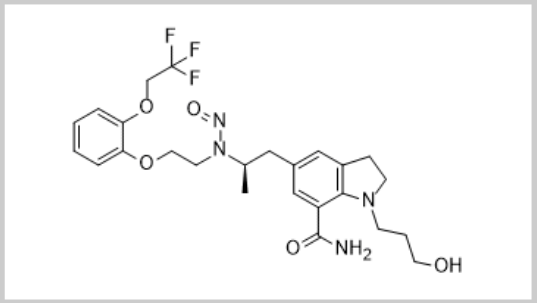
Chemical Name :
(R)-1-(3-hydroxypropyl)-5-(2-(nitroso(2-(2-(2,2,2-trifluoroethoxy)phenoxy)ethyl)amino)propyl)indoline-7-carboxamide

CAT No. : KMS004001

CAS No. : Not Available

Molecular Formula : C25H31F3N4O5

Molecular Weight : 524.53



Analytical Information

Batch No. : S004001-114-030

Description : Light Brown Semi Solid

HPLC Purity : 92.21 %

Weight Loss By TGA : 1.18 %

% Potency : 91.12 %

Solubility : Methanol : Water (1:1)

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 - 1.18(Weight Loss By TGA)] x [92.21(HPLC Purity)]/100 = 91.12 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/11/2025

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