

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-A043024-1043)

Analysis Date: 03/12/2022

Re-test Date: 02/12/2024

N-Nitroso Desmethyl Azelastine

Identification

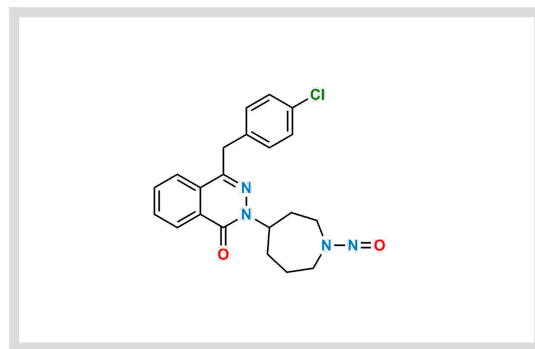
Chemical Name : 4-(4-Chlorobenzyl)-2-(1-nitrosoazepan-4-yl)phthalazin-1(2H)-one

CAT No. : SZ-A043024

CAS No. : NA

Molecular Formula : C₂₁H₂₁ClN₄O₂

Molecular Weight : 396.9



Analytical Information

Batch Code : SRL-1012-132

HPLC Purity : 99.38 %

Solubility : ACN:Water (1:1)

Mass : Confirm

Appearance of product : Off White Solid

IR Analysis : Confirm

Long Term Storage : 2-8 °C for long term storage

¹H NMR : Confirm

Weight Loss By TGA : 0.31 %

¹³C NMR : Confirm

Residue On Ignition : 0.20 %

DEPT Analysis : Confirm

Additional Information

% Potency = [100 - 0.31 (Wt loss by TGA) - 0.20(ROI)] X [99.38 (HPLC Purity)] / 100 = 98.87 %

-Mixture of E/Z Isomers.

Elemental Analysis (Theoretical) : %C: 63.55 %H: 5.33 %N: 14.12 %S: 0.00

Elemental Analysis (Practical) : %C: 63.08 %H: 5.11 %N: 13.75 %S: 0.00

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, ¹H NMR, IR, TGA, ¹³C NMR, DEPT, ROI, CHNS

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.