

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

Product Name: N-Nitroso Diltiazem EP Impurity D

Identification:

Chemical Name: (2S,3S)-2-(4-Methoxyphenyl)-5-(2-(methyl(nitroso)amino)ethyl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]thiazepin-3-yl acetate

Synonyms : N-Nitroso Desmethyl Diltiazem

CAS Number : 3036581-85-5

CAT Number : CP-D22011

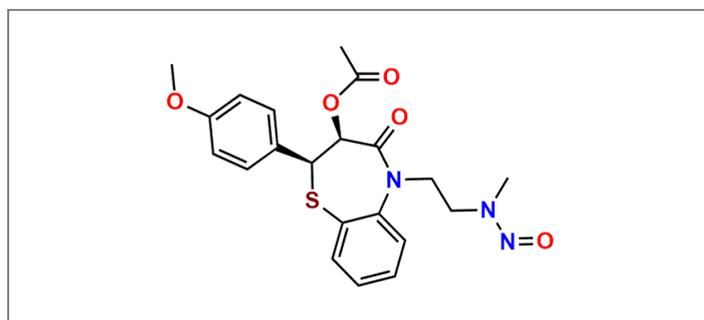
Molecular Formula : C₂₁H₂₃N₃O₅S

Molecular Weight : 429.49

Batch Number : CP-29-245

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	Isomer 1-60.454% (RT-10.249) + Isomer 2-39.095 % (RT-10.625) = Total Purity= 99.54%
5)	¹ H NMR	Confirm to Structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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