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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2027

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 : NA

CAT Number : CP-D22011

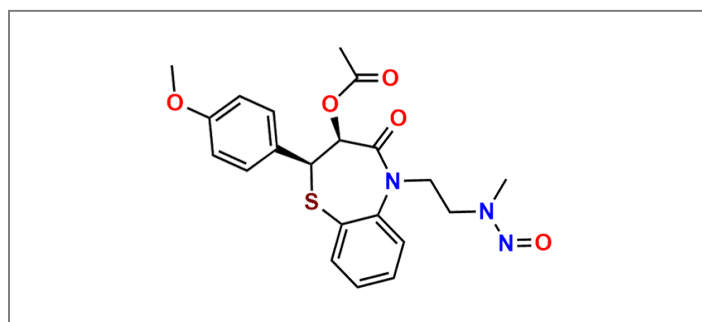
Molecular Formula : C₂₁H₂₃N₃O₅S

Molecular Weight : 429.49

Batch Number : CP-DIL-NIT-0324

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.88%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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