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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Diltiazem EP Impurity A

Identification:

Chemical Name: (2R,3S)-5-[2-(Dimethylamino)ethyl]-2-(4-methoxyphenyl)-4-oxo-2,3,4,5-tetrahydro-1,5-benzothiazepin-3-yl acetate

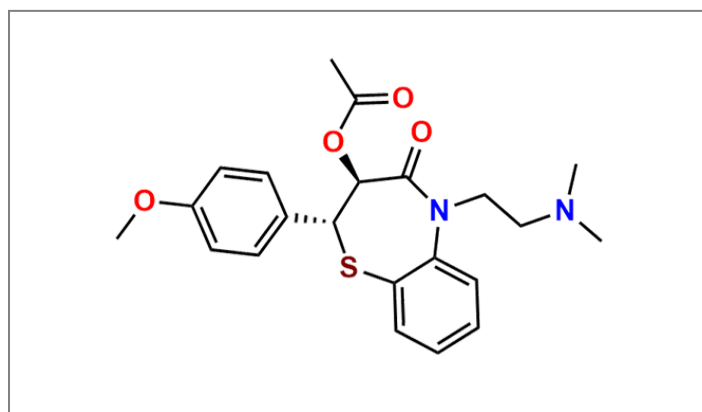
Synonyms : Diltiazem USP Related compound A ; Diltiazem (2R)-Isomer

CAS Number : 111188-71-7

CAT Number : CP-D22001

Molecular Formula : C₂₂H₂₆N₂O₄S

Molecular Weight : 414.5



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.