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CERTIFICATE OF ANALYSIS

Analysis Date:

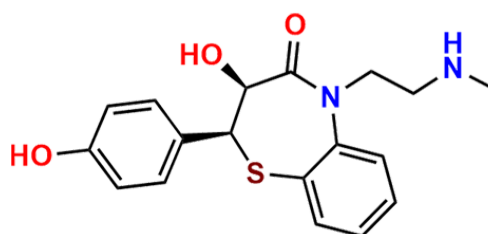
Re-test Date:

Product Name: Desacetyl N, O-Didesmethyl Diltiazem

Identification:

Chemical Name: 1,5-Benzothiazepin-4(5H)-one, 2,3-dihydro-3-hydroxy-2-(4-hydroxyphenyl)-5-[2-(methylamino)ethyl]-, (2S,3S)

Synonyms : NA
CAS Number : 86408-42-6
CAT Number : CP-D22014
Molecular Formula : C₁₈H₂₀N₂O₃S
Molecular Weight : 344.43



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.