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CERTIFICATE OF ANALYSIS

Analysis Date:

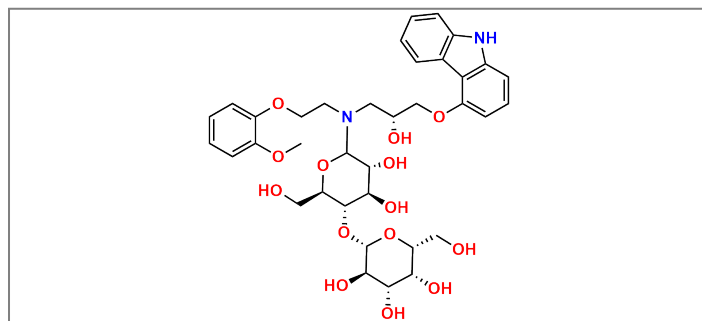
Re-test Date:

Product Name: Carvedilol Impurity 21

Identification:

Chemical Name: (2S,3R,4S,5R,6R)-2-(((2R,3S,4R,5R)-6-(((R)-3-((9H-carbazol-4-yl)oxy)-2-hydroxypropyl)(2-(2-methoxyphenoxy)ethyl)amino)-4,5-dihydroxy-2-(hydroxymethyl)tetrahydro-2H-pyran-3-yl)oxy)-6-(hydroxymethyl)tetrahydro-2H-pyran-3,4,5-triol

Synonyms : NA
CAS Number : NA
CAT Number : CP-C10055
Molecular Formula : C₃₆H₄₆N₂O₁₄
Molecular Weight : 730.76



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.