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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: N-Nitroso Naltrexone EP Impurity B

Identification:

Chemical Name: (4R,4aS,7aR,12bS)-4a,9-dihydroxy-3-nitroso-2,3,4,4a,5,6-hexahydro-1H-4,12-methanobenzofuro[3,2-e]isoquinolin-7(7aH)-one

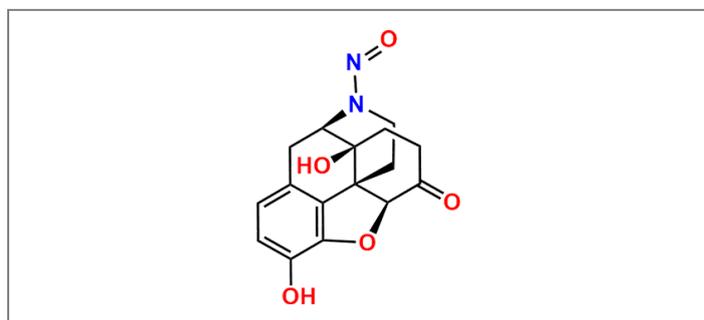
Synonyms : N-Nitroso Noroxymorphone

CAS Number : NA

CAT Number : CP-N57027

Molecular Formula : C₁₆H₁₆N₂O₅

Molecular Weight : 316.3



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 | Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | >95% |
| 5) | ¹ HNMR | Confirm to structure |
| 6) | Weight loss by TGA | - |
| 7) | Potency by TGA | - |



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.