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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

Product Name: Doxylamine Dioxide

Identification:

Chemical Name: N,N-Dimethyl-2-(1-(1-oxidopyridin-2-yl)-1-phenylethoxy)ethan-1-amine oxide

Synonyms : Doxylamine N, N'-Dioxide

CAS Number : 105176-70-3

CAT Number : CP-D27008

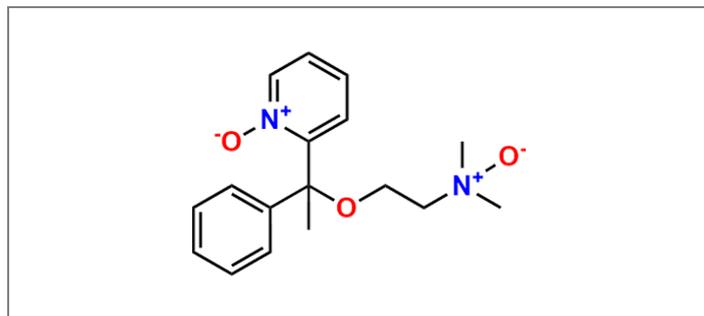
Molecular Formula : C17H22N2O3

Molecular Weight : 302.37

Batch Number : CP-DOX-DIO-0724

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 | Brown Sticky Thick Liquid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 96.14% |
| 5) | ¹ HNMR | Confirm to structure |
| 6) | ¹³ CNMR | Confirm to structure |
| 7) | Weight loss by TGA | 1.238% |
| 8) | Potency by TGA | 94.95% |



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.