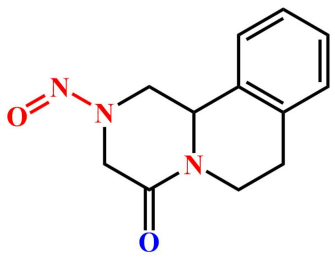


CERTIFICATE OF ANALYSIS

Date: 27-12-2024

| | | | |
|---------------------------------------|--|----------------------|-------|
| Product Name | N-Nitroso Praziquantel Impurity 1 | | |
| Chemical Name | 2-nitroso-1,2,3,6,7,11b-hexahydro-4H-pyrazino[2,1-a]isoquinolin-4-one | | |
| Structure |  <p>The chemical structure shows a fused bicyclic system consisting of a benzene ring fused to a six-membered ring containing two nitrogen atoms. One nitrogen atom is substituted with a nitroso group (NO), and the other nitrogen atom is part of a five-membered ring containing a carbonyl group (C=O). The nitroso group is shown in red, and the carbonyl oxygen is shown in blue.</p> | | |
| Inv. Status | - | CAS No. | NA |
| Analysis Date | - | Retest Date | - |
| Mol. Formula | C ₁₂ H ₁₃ N ₃ O ₂ | Molecular Wt. | 231.3 |
| Long term Storage Condition | Store at 2-8 °C in well closed container | | |
| Handling and Transit Condition | 25-30 °C in well closed container | | |

| Test | Result |
|---|-----------------------|
| Appearance | - |
| Solubility | - |
| ¹ H-NMR | Conforms to structure |
| MASS | Conforms to structure |
| Chromatographic Purity | >90% |
| Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical. | |

| | Prepared By | Checked By | Approved By |
|------------------|--------------------|-------------------|--------------------|
| Signature | | | |
| Date | | | |

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