

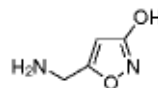
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Product Specification

Product Name:
Muscimol - powder

Product Number: **M1523**
CAS Number: 2763-96-4
Formula: C₄H₆N₂O₂
Formula Weight: 114.1 AMU



| TEST | Specification |
|------|---------------|
|------|---------------|

| | |
|--------------------------------|-------------------------------|
| Appearance (Form) | Powder |
| Appearance (Colour) | White to White w/ Yellow Cast |
| Solubility (Solvent) | 0.05M HCl |
| Solubility (Conc) | 19.60 - 20.40 mg/ml |
| Solubility (Turbidity) | Clear |
| Solubility (Color) | Colorless to Faint Yellow |
| Elemental Anal. (%C anhydrous) | 41.61 - 42.61 % |
| Elemental Anal. (%N anhydrous) | 24.05 - 25.05 % |
| NMR (Solvent) | D ₂ O |
| Identity by NMR | Consistent |
| Purity (TLC) | ≥ 98.00 % |
| Recommended Retest Period | ----- |
| 5 Years | |

Specification: PRE.0.ZQ5.10000001078

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.