



CERTIFICATE OF ANALYSIS

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1. Identification

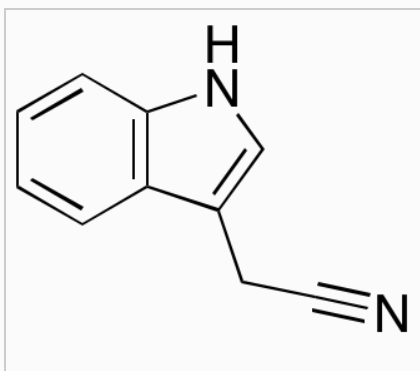
Catalogue Number: I577355

CAS Number: 771-51-7

Product: Indole-3-acetonitrile

Synonym: (1H-Indol-3-yl)acetonitrile; 3-(Cyanomethyl)indole; 3-Cyanomethyl-1H-indole; 3-Indolylacetonitrile; IAN; Indoleacetonitrile; Indolylacetonitrile; NSC 523272;

Structure:



Molecular Formula:

C₁₀H₈N₂

Molecular weight:

156.18

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 4-CYJ-26-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|-------------|---------------------------------------|---------------------------|
| HPLC Purity | Report Result | 99.72% (220 nm) |
| MS | Conforms to Structure | Conforms |
| NMR | Conforms to Structure | Conforms |
| Appearance | Pale Brown to Brown Low-Melting Solid | Pale Brown to Brown Solid |
| FT-IR | Conforms to Structure | Conforms |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|--------------|---------------|--------------------|------------|-------------|
| Swathi Reddy | Toni Rantanen | Chanell Chu | 10/11/2022 | 10/9/2026 |