



CERTIFICATE OF ANALYSIS

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1. Identification

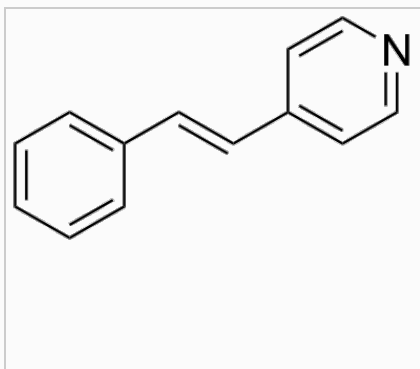
Catalogue Number: E247971

CAS Number: 5097-93-8

Product: 4-[(E)-2-Phenylethenyl]pyridine

Synonym: 4-[(1E)-2-Phenylethenyl]pyridine; (E)-4-(2-Phenylethenyl)pyridine; (E)-4-Styrylpyridine; (E)-4-Stilbazole; 4-trans-Styrylpyridine; trans-4-Stilbazole; trans-4-Styrylpyridine

Structure:



Molecular Formula:

C₁₃H₁₁N

Molecular weight:

181.23

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 23-DPP-98-4

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|------------------------------|-------------------------------|
| Appearance | Light Yellow to Yellow Solid | Light Yellow to Yellow Solid |
| NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 85.50, %H: 6.26, %N: 7.75 |
| HPLC Purity | Report Result | 99.66% (295 nm) |
| MS | 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 ± 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 |
|-------------|---------------|--------------------|-----------|-------------|
| Nicole Yip | Toni Rantanen | Chanell Chu | 7/21/2022 | 7/19/2026 |