RedChemExpress

Certificate of Analysis

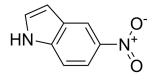
5-Nitroindole

| Cat. No.: | HY-59273 |
|----------------|---------------------|
| CAS No.: | 6146-52-7 |
| Batch No.: | 39282 |
| Chemical Name: | 1H-Indole, 5-nitro- |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $C_8H_6N_2O_2$ | | |
|--------------------|----------------|-------|----------|
| Molecular Weight: | 162.15 | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | Yellow to green (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| Purity (HPLC): | 99.30% |
| Conclusion: | The product has been tested and complies with the given specifications. |

Caution: Product has not been fully validated for medical applications. For research use only.

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