

Certificate of Analysis

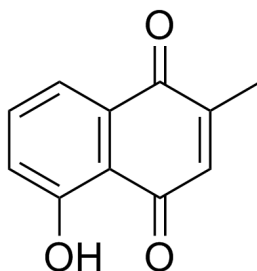
Product Name: Plumbagin
Cat. No.: HY-N1497
CAS No.: 481-42-5
Batch No.: 37705
Chemical Name: 1,4-Naphthalenedione, 5-hydroxy-2-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{11}H_8O_3$
Molecular Weight: 188.18
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: Light yellow to orange (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 99.65%
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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