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## Certificate of Analysis

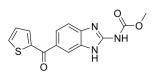
### Nocodazole

| Cat. No.:      | HY-13520   |
|----------------|--|
| CAS No.:       | 31430-18-9   |
| Batch No.:     | 121367   |
| Chemical Name: | Carbamic acid, N-[6-(2-thienylcarbonyl)-1H-benzimidazol-2-yl]-, methyl ester |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $\mathrm{C}_{14}\mathrm{H}_{11}\mathrm{N}_{3}\mathrm{O}_{3}\mathrm{S}$ |       |         |
|--------------------|--|-------|---------|
| Molecular Weight:  | 301.32   |       |         |
| Storage:           | Powder   | -20°C | 3 years |
|                    |  | 4°C   | 2 years |
|                    | In solvent   | -80°C | 2 years |
|                    |  | -20°C | 1 year  |

#### **Chemical Structure:**



#### ANALYTICAL DATA

| Appearance:                  | Light yellow to yellow (Solid)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 99.66%  |
| 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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