# Certificate of Analysis



## MAZ51

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|---|---|
| **Cat. No.:** | HY-116624 |
| **CAS No.:** | 163655-37-6 |
| **Batch No.:** | 330571 |
| **Chemical Name:** | 2H-Indol-2-one,3-[[4-(dimethylamino)-1-naphthalenyl]methylene]-1,3-dihydro- |

### PHYSICAL AND CHEMICAL PROPERTIES

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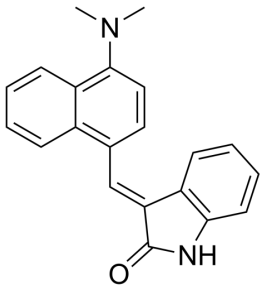
|---|---|
| **Molecular Formula:** | $C_{21}H_{18}N_2O$ |
| **Molecular Weight:** | **314.38** |
| **Storage:** | Powder -20°C 3 years<br>4°C 2 years<br>* The compound is unstable in solutions, freshly prepared is recommended. |

**Chemical Structure:**




### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | Orange to red (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **LCMS:** | Consistent with structure |
| **Purity (LCMS):** | **99.96%** |
| **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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