# Certificate of Analysis

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|---|---|
| **Product Name:** | AZ876 |
| **Cat. No.:** | HY-18282 |
| **CAS No.:** | 898800-26-5 |
| **Batch No.:** | 21169 |
| **Chemical Name:** | 3(2H)-Isothiazolone, 2-(1,1-dimethylethyl)-5-phenyl-4-[[4-(1-piperidinyl)phenyl]amino]-, 1,1-dioxide |

## PHYSICAL AND CHEMICAL PROPERTIES

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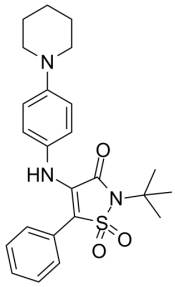
|---|---|---|---|
| **Molecular Formula:** | $C_{24}H_{29}N_3O_3S$ | | |
| **Molecular Weight:** | 439.57 | | |
| **Storage:** | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |

**Chemical Structure:**



## ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | Off-white to orange (Solid) |
| **$^1$H NMR Spectrum:** | Consistent with structure |
| **LCMS:** | Consistent with structure |
| **Purity (LCMS):** | 99.89% |
| **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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