

Certificate of Analysis

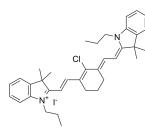
IR-780

| Cat. No.: | HY-D1063 |
|----------------|---|
| CAS No.: | 207399-07-3 |
| Batch No.: | 342532 |
| Chemical Name: | 3H-Indolium, 2-[2-[2-chloro-3-[2-(1,3-dihydro-3,3-dimethyl-1-propyl-2H-indol-2-ylidene)ethylide |
| | ne]-1-cyclohexen-1-yl]ethenyl]-3,3-dimethyl-1-propyl-, iodide (1:1) |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C ₃₆ H ₄₄ ClIN ₂ |
|--------------------|--|
| Molecular Weight: | 667.11 |
| Storage: | -20°C, sealed storage, away from moisture and light |
| | * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and |
| | light) |

Chemical Structure:



ANALYTICAL DATA

| Appearance: | Green to dark green (Solid) |
|------------------------------|---|
| ¹ H NMR Spectrum: | Consistent with structure |
| MS: | Consistent with structure |
| Purity (NMR): | ≥95.0% |
| 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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