Certificate of Analysis

IR-806

 Cat. No.:
 HY-D1724

 Batch No.:
 307753

Chemical Name: Sodium 4-((Z)-2-((E)-2-(2-chloro-3-((E)-2-(3,3-dimethyl-1-(4-sulfonatobutyl)-3H-indol-1-ium-2-yl)

vinyl)cyclopent-2-en-1-ylidene)ethylidene)-3,3-dimethylindolin-1-yl)butane-1-sulfonate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃₇H₄₄ClN₂NaO₆S₂

Molecular Weight: 735.33

Storage: -20°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: Green to dark green (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (NMR): ≥97.0%

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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