

Certificate of Analysis

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Pseudoisocyanine (iodide)

 Cat. No.:
 HY-107740

 CAS No.:
 977-96-8

 Batch No.:
 277979

Chemical Name: Quinolinium, 1-ethyl-2-[(1-ethyl-2(1H)-quinolinylidene)methyl]-, iodide (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{23}H_{23}IN_2$ Molecular Weight: 454.35

Storage: 4°C, sealed storage, away from moisture

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

Chemical Structure:

N⁺

ANALYTICAL DATA

Appearance: Brown to dark brown (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.92%

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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