Certificate of Analysis

Cy5.5-SE

 Cat. No.:
 HY-D0925

 CAS No.:
 442912-55-2

 Batch No.:
 78626

Chemical Name: 1H-Benz[e]indolium, 2-[5-[3-[6-[(2,5-dioxo-1-pyrrolidinyl)oxy]-6-oxohexyl]-1,3-dihydro-1,1-dime

thyl-6,8-disulfo-2H-benz[e]indol-2-ylidene]-1,3-pentadien-1-yl]-3-ethyl-1,1-dimethyl-6,8-disulfo-

, inner salt

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄₅H₄₇N₃O₁₆S₄

Molecular Weight: 1014.13

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: Light blue to blue (Solid)

Purity: ≥98.0%

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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