Certificate of Analysis

ICG Maleimide

Cat. No.: HY-D1744 **CAS No.:** 2143933-81-5

Batch No.: 367276

Chemical Name: 1H-Benz[e]indolium, 2-[7-[3-[6-[[2-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)ethyl]amino]-6-oxohex

yl]-1,3-dihydro-1,1-dimethyl-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrien-1-yl]-1,1-dimethyl-3-(4

-sulfobutyl)-, inner salt

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅₁H₅₆N₄O₆S

Molecular Weight: 853.08

Storage: 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

O S O NH N O

ANALYTICAL DATA

Appearance: Green to dark green (Solid)

Purity (HPLC): 96.11%

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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