Certificate of Analysis

800CW acid

Cat. No.: HY-D1873

CAS No.: 1088919-86-1

Batch No.: 405130

Chemical Name: 3H-Indolium, 2-[2-[3-[2-[1-(5-carboxypentyl)-1,3-dihydro-3,3-dimethyl-5-sulfo-2H-indol-2-yliden

e]ethylidene]-2-(4-sulfophenoxy)-1-cyclohexen-1-yl]ethenyl]-3,3-dimethyl-5-sulfo-1-(4-sulfobut

yl)-, inner salt, sodium salt (1:4)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄₆H₅₀N₂Na₄O₁₅S₄

Molecular Weight: 1091.11

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

LCMS: Consistent with structure

Purity (LCMS): 98.81%

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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