Certificate of Analysis

D149 Dye

 Cat. No.:
 HY-50938

 CAS No.:
 786643-20-7

 Batch No.:
 02711

Chemical Name: 3-Thiazolidineacetic acid, 5-[[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclope

nt[b]indol-7-yl]methylene]-2-(3-ethyl-4-oxo-2-thioxo-5-thiazolidinylidene)-4-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:c42} \textbf{Molecular Formula:} \qquad \qquad \text{C}_{42} \text{H}_{35} \text{N}_{3} \text{O}_{4} \text{S}_{3}$

Molecular Weight: 741.94

Storage: 4°C, protect from light

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

Chemical Structure:

ANALYTICAL DATA

Appearance: Light brown to black (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

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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