

Certificate of Analysis

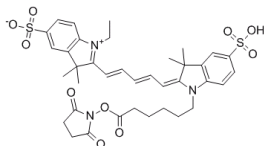
Product Name: CY5-SE
Cat. No.: HY-D0819
CAS No.: 146368-14-1
Batch No.: 21569
Chemical Name: 3H-Indolium, 2-[5-[1-[6-[(2,5-dioxo-1-pyrrolidinyl)oxy]-6-oxohexyl]-1,3-dihydro-3,3-dimethyl-5-sulfo-2H-indol-2-ylidene]-1,3-pentadien-1-yl]-1-ethyl-3,3-dimethyl-5-sulfo-, inner salt

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃₇H₄₃N₃O₁₀S₂
Molecular Weight: 753.88
Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Pale purple to blue (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 98.10%
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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