
Certificate of Analysis

Product Name: 2-(5-(1-(6-((2-(((R)-2,3-Bis(stearoyloxy)propoxy)(hydroxy)phosphoryl)oxy)ethyl)amino)-6-oxohexyl)-3,3-dimethylindolin-2-ylidene)penta-1,3-dien-1-yl)-1,3,3-trimethyl-3H-indol-1-ium , Cy5-DSPE

Cat. No.: GC26862

Batch No.: 1

Chemical Name: CC1(C)C(C=CC=CC=C2N(CCCCCC(NCCOP(O)(OC[C@H](OC(CCCCCCCCCCCCCCCC)=O)COC(CCCCCCCCCCCCCCCC)=O)=O)=O)C3=C(C=CC=C3)C2(C)C)=[N+](C)C4=C1C=CC=C4

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 2260669-68-7

Molecular Formula: C₇₃H₁₁₉N₃O₉P

Molecular Weight: 1213.71

Storage:

Chemical Structure:

ANALYTICAL DATA

Appearance: solid

HNMR: Consistent with structure

HPLC: Consistent with structure

Purity: >98%

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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