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**Certificate of Analysis**

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Product Name: Cy5 alkyne (non-sulfonated)  
Cat. No.: GC15007  
Batch No.: 1  
Chemical Name: 3,3-dimethyl-1-(6-oxo-6-(prop-2-yn-1-ylamino)hexyl)-2-((1E,3E,5E)-5-(1,3,3-trimethylindolin-2-ylidene)penta-1,3-dien-1-yl)-3H-indol-1-ium chloride

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.:  
Molecular Formula:  $C_{35}H_{42}ClN_3O$   
Molecular Weight: 556.18  
Storage: Store at  $-20^{\circ}C$   
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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