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**Certificate of Analysis**

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Product Name: Pyrene phosphoramidite dU  
Cat. No.: GC14718  
Batch No.: 1  
Chemical Name: 3-[[[(2R,3R,5R)-5-[5-[2-(8,10b-dihydropyren-1-yl)ethynyl]-2,4-dioxypyrimidin-1-yl]-2-[bis(4-methoxyphenyl)methoxymethyl]oxolan-3-yl]oxy-[di(propan-2-yl)amino]phosphanyl]oxypropanenitrile

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 199920-17-7  
Molecular Formula:  $C_{57}H_{55}N_4O_8P$   
Molecular Weight: 955.04  
Storage: 24 months after receipt at  $-20^{\circ}C$  in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.  
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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