## **Certificate of Analysis**

## Janelia Fluor® 646, Maleimide

 Cat. No.:
 HY-131029

 Batch No.:
 278871

Chemical Name: 2-(3-(Azetidin-1-ium-1-ylidene)-7-(azetidin-1-yl)-5,5-dimethyl-3,5-dihydrodibenzo[b,e]silin-10-yl

)-4-((2-(2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)ethyl)carbamoyl)benzoate

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:molecular Formula: C35} \textbf{Molecular Formula:} \qquad \qquad \textbf{C}_{35} \textbf{H}_{34} \textbf{N}_{4} \textbf{O}_{5} \textbf{Si}$ 

Molecular Weight: 618.75

Storage: -20°C, protect from light

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

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light green to green (Solid)

<sup>1</sup> 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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