Certificate of Analysis

Janelia Fluor® 646, Tetrazine

Cat. No.: HY-138659 CAS No.: 2042192-00-5 Batch No.: 278870

Chemical Name: 4-((4-(1,2,4,5-Tetrazin-3-yl)benzyl)carbamoyl)-2-(3-(azetidin-1-ium-1-ylidene)-7-(azetidin-1-yl)-5

,5-dimethyl-3,5-dihydrodibenzo[b,e]silin-10-yl)benzoate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{38}H_{35}N_7O_3Si$

Molecular Weight: 665.82

Storage: -20°C, protect from light

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

Chemical Structure:

ANALYTICAL DATA

Pink to red (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 95.29%

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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