Certificate of Analysis

BODIPY-C12

Cat. No.: HY-D1553 CAS No.: 1029138-21-3 Batch No.: 317662

Chemical Name: Boron, [2-[[4-(dodecyloxy)phenyl](2H-pyrrol-2-ylidene-кN)methyl]-1H-pyrrolato-кN]difluoro-, (Т

-4)-

PHYSICAL AND CHEMICAL PROPERTIES

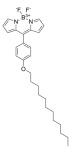
Molecular Formula: $\mathsf{C}_{27}\mathsf{H}_{35}\mathsf{BF}_2\mathsf{N}_2\mathsf{O}$

Molecular Weight: 452.39

4°C, protect from light Storage:

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

Chemical Structure:



ANALYTICAL DATA

Orange to red (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.84%

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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