Certificate of Analysis

BODIPY Green 8-P2M

Cat. No.: HY-D1590 CAS No.: 929679-22-1 Batch No.: 261447

Chemical Name: Boron, [1-[2-[(3,5-dimethyl-1H-pyrrol-2-yl-κΝ)(3,5-dimethyl-2H-pyrrol-2-ylidene-κΝ)methyl]phe

nyl]-1H-pyrrole-2,5-dionato]difluoro-, (T-4)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{23}\mathsf{H}_{20}\mathsf{BF}_2\mathsf{N}_3\mathsf{O}_2$

Molecular Weight: 419.23

4°C, protect from light, stored under nitrogen Storage:

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

Chemical Structure:

ANALYTICAL DATA

Brown to red (Solid) Appearance:

¹H NMR Spectrum: Consistent with structure Consistent with structure LCMS:

Purity (LCMS): 99.21%

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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