Certificate of Analysis

BODIPY 493/503 methyl bromide

Cat. No.: HY-D1614 CAS No.: 216434-81-0 Batch No.: 271824

Chemical Name: Boron, [2-[2-bromo-1-(3,5-dimethyl-2H-pyrrol-2-ylidene-кN)ethyl]-3,5-dimethyl-1H-pyrrolato-к

N]difluoro-, (T-4)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_{16}BBrF_2N_2$

Molecular Weight: 341.00

-20°C, protect from light Storage:

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

Chemical Structure:

ANALYTICAL DATA

Brown to reddish brown (Solid) Appearance:

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

Purity (NMR): ≥98.0%

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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