Certificate of Analysis

BODIPY-FL NHS ester

Cat. No.: HY-110210 CAS No.: 146616-66-2 Batch No.: 244560

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

-2,5-pyrrolidinedionato]difluoro-, (T-4)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{18}BF_2N_3O_4$

Molecular Weight: 389.16

-20°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

LCMS: Consistent with structure

Purity (LCMS): 99.32%

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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