Certificate of Analysis

MitoPerOx

Cat. No.: HY-125623
CAS No.: 1392820-50-6
Batch No.: 337160

Chemical Name: Boron(1+), difluoro[[2-[[1-oxo-3-[5-[[5-(4-phenyl-1,3-butadien-1-yl)-2H-pyrrol-2-ylidene-κN]met

hyl]-1H-pyrrol-2-yl-kN]propyl]amino]ethyl]triphenylphosphoniumato]-, bromide (1:1), (T-4)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄₂H₃₈BBrF₂N₃OP

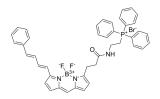
Molecular Weight: 760.46

Storage: -20°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:



ANALYTICAL DATA

Appearance: Dark purple to black (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.14%

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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