Certificate of Analysis

BDP 581/591 NHS ester

 Cat. No.:
 HY-D1653

 CAS No.:
 654651-21-5

 Batch No.:
 293919

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

hyl]-1H-pyrrol-3-yl-κN]propoxy]-2,5-pyrrolidinedionato]-, (T-4)-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_equation} \textbf{Molecular Formula:} \qquad \qquad \textbf{C}_{26}\textbf{H}_{22}\textbf{BF}_{2}\textbf{N}_{3}\textbf{O}_{4}$

Molecular Weight: 489.28

Storage: -20°C, protect from light

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

Chemical Structure:

N-O F, F

ANALYTICAL DATA

Appearance: Brown to black (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.92%

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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