Certificate of Analysis

Coppersensor 1

Cat. No.: HY-141511 CAS No.: 874748-20-6 Batch No.: 212851

Chemical Name: Boron, [4-ethyl-β-(4-ethyl-3,5-dimethyl-2H-pyrrol-2-ylidene-κN)-N,N-bis[2-[[2-(ethylthio)ethyl]t

hio]ethyl]-3,5-dimethyl-1H-pyrrole-2-ethanaminato-κN1]difluoro-, (T-4)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{30}H_{50}BF_2N_3S_4$

Molecular Weight: 629.81

4°C, protect from light Storage:

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

Chemical Structure:

ANALYTICAL DATA

Brown to red (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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