Certificate of Analysis

Arecaidine but-2-ynyl ester (tosylate)

Cat. No.: HY-107655 CAS No.: 119630-77-2 Batch No.: 317799

Chemical Name: 3-Pyridinecarboxylic acid, 1,2,5,6-tetrahydro-1-methyl-, 2-butyn-1-yl ester, 4-methylbenzenesulf

onate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{18}\mathsf{H}_{23}\mathsf{NO}_{5}\mathsf{S}$ **Molecular Weight:** 365.44

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

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.95%

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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