Certificate of Analysis

MitoTam (bromide, hydrobromide)

Cat. No.: HY-126222

CAS No.: 1634624-73-9

Batch No.: 205057

Chemical Name: Phosphonium, [(11Z)-12-[4-[2-(dimethylamino)ethoxy]phenyl]-11,12-diphenyl-11-dodecen-1-yl]

triphenyl-, bromide, hydrobromide (1:1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅₂H₆₀Br₂NOP

Molecular Weight: 905.82

Storage: 4°C, stored under nitrogen, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.24%

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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