

Screening Libraries

Certificate of Analysis

Myristoyl tetrapeptide-12 (dihydrochloride)

Cat. No.: HY-W108953A Batch No.: 401290

Chemical Name: L-Alaninamide, N2-(1-oxotetradecyl)-L-lysyl-L-alanyl-L-lysyl- (dihydrochloride)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{32}H_{65}Cl_2N_7O_5$

Molecular Weight: 698.81

Storage: Sealed storage, away from moisture

> Powder -80°C 2 years -20°C 1 year

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

Chemical Structure:

H-CI

ANALYTICAL DATA

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

Purity (HPLC): 98.93%

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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