Certificate of Analysis

N-dodecanoyl-L-Homoserine lactone

Cat. No.: HY-118697 CAS No.: 137173-46-7 Batch No.: 160126

Chemical Name: Dodecanamide, N-[(3S)-tetrahydro-2-oxo-3-furanyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{29}NO_3$ Molecular Weight: 283.41

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

White to off-white (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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA