

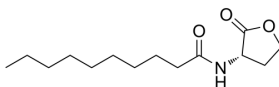
## N-Decanoyl-L-homoserine lactone

Cat. No.: HY-136409  
CAS No.: 177315-87-6  
Batch No.: 254979  
Chemical Name: Decanamide, N-[(3S)-tetrahydro-2-oxo-3-furanyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>14</sub>H<sub>25</sub>NO<sub>3</sub>  
Molecular Weight: 255.35  
Storage: 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.43%  
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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