

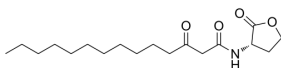
## N-3-Oxo-tetradecanoyl-L-homoserine lactone

Cat. No.: HY-116536  
CAS No.: 177158-19-9  
Batch No.: 294792  
Chemical Name: Tetradecanamide,3-oxo-N-[(3S)-tetrahydro-2-oxo-3-furanyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>18</sub>H<sub>31</sub>NO<sub>4</sub>  
Molecular Weight: 325.44  
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  
MS: Consistent with structure  
Purity (HPLC): 99.90%  
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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