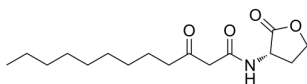


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	N-3-oxo-dodecanoyl-L-homoserine lactone
<b>Cat. No.:</b>	1216076
<b>CAS No.:</b>	168982-69-2
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>27</sub> NO <sub>4</sub>
<b>Molecular Weight:</b>	297.39
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf1109181193
<b>Storage:</b>	2-8°C, protect from light
<b>Test Date:</b>	2022-03-07
<b>Retest Date:</b>	2025-03-06
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to light yellow (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>MS:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥95.0%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Research use only and are not intended for human use.**

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