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Zuschläge

- Mindermengenzuschlag
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- Expressversand

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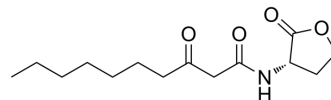
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N-(3-Oxodecanoyl)-L-homoserine lactone

Cat. No.:	HY-134560
CAS No.:	147795-40-2
Molecular Formula:	C ₁₄ H ₂₃ NO ₄
Molecular Weight:	269.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description N-(3-Oxodecanoyl)-L-homoserine lactone (3-Oxo-C10-HSL) is a bacterial quorum sensing signal autoinducer molecule^[1].

REFERENCES

- [1]. Buchholtz C, et al. Profiling of acylated homoserine lactones of *Vibrio anguillarum* in vitro and in vivo: Influence of growth conditions and serotype. *Syst Appl Microbiol.* 2006 Sep;29(6):433-45.
- [2]. Milton DL, et al. Quorum sensing in *Vibrio anguillarum*: characterization of the *vanI/vanR* locus and identification of the autoinducer N-(3-oxodecanoyl)-L-homoserine lactone. *J Bacteriol.* 1997 May;179(9):3004-12.

Caution: Product has not been fully validated for medical applications. For research use only.

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