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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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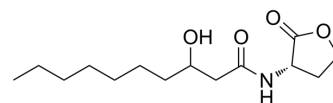
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N-3-Hydroxydecanoyl-L-homoserine lactone

Cat. No.:	HY-W337680
CAS No.:	192883-12-8
Molecular Formula:	C ₁₄ H ₂₅ NO ₄
Molecular Weight:	271.35
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N-3-Hydroxydecanoyl-L-homoserine lactone is a type of N-acyl-L-homoserine lactone (AHL), which is a class of signaling molecules in bacterial quorum sensing systems, and it has a weak activating effect on AbaR^[1].

REFERENCES

[1]. Joseph P Gerdt, et al. Chemical Interrogation of LuxR-type Quorum Sensing Receptors Reveals New Insights into Receptor Selectivity and the Potential for Interspecies Bacterial Signaling. ACS Chem Biol 2017 Sep 15;12(9):2457-2464.

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

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