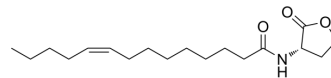


N-cis-Tetradec-9Z-enoyl-L-homoserine lactone

Cat. No.:	HY-124286
CAS No.:	1675245-06-3
Molecular Formula:	C ₁₈ H ₃₁ NO ₃
Molecular Weight:	309.44
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N-cis-Tetradec-9Z-enoyl-L-homoserine lactone (C14-9Z-HSL) is an autoinducer in *C. rodentium*, that serves as signal molecule, coordinates the gene expression and behaviors through diffusion into cells of different bacterial species^[1].

REFERENCES

[1]. Xue J, et al., Detection of gut microbiota and pathogen produced N-acyl homoserine in host circulation and tissues. NPJ Biofilms Microbiomes. 2021 Jun 28;7(1):53.

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

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