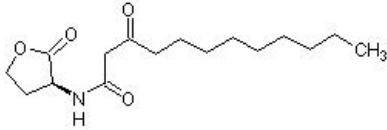


Product datasheet

N-(3-Oxododecanoyl)-L-homoserine lactone, involved in quorum sensing ab145509

Overview

Product name	N-(3-Oxododecanoyl)-L-homoserine lactone, involved in quorum sensing
Description	Autoinducer involved in quorum sensing by <i>Pseudomonas aeruginosa</i> .
Biological description	Autoinducer involved in quorum sensing by <i>Pseudomonas aeruginosa</i> . Member of N-acyl-homoserine lactone (AHL) family that regulate gene expression in gram-negative bacteria and are involved in the processes of bacterial quorum sensing.
Purity	> 98%
CAS Number	168982-69-2
Chemical structure	

Properties

Molecular weight	297.39
Molecular formula	C ₁₆ H ₂₇ NO ₄
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
 - Valid for 12 months from date of delivery
 - Response to your inquiry within 24 hours

 - We provide support in Chinese, English, French, German, Japanese and Spanish
 - Extensive multi-media technical resources to help you
 - We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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