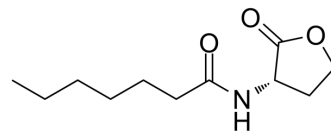


## N-Heptanoyl-L-homoserine lactone

Cat. No.:	HY-115393A
CAS No.:	177158-20-2
Molecular Formula:	C <sub>11</sub> H <sub>19</sub> NO <sub>3</sub>
Molecular Weight:	213.27
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

N-Heptanoyl-L-homoserine lactone is a member of N-acyl-homoserine lactone family. N-acyl-homoserine lactones (AHL) can regulate gene expression in gram-negative bacteria, such as Echerichia and Salmonella, and are involved in quorum sensing, cell to cell communication among bacteria.

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

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