

Product Name	: N-hexanoyl-L-Homoserine lactone
Synonyms	: C6-HSL
Cat No.	: M23633
CAS Number	: 147852-83-3
Molecular Formula	: C ₁₀ H ₁₇ NO ₃
Formula Weight	: 199.3
Chemical Name	: —
Description	: N-hexanoyl-L-Homoserine lactone, a small diffusible signaling molecule, is involved in controlling gene expression, affecting cellular metabolism, and quorum sensing.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO: 30 mg/ml (150.60 mM); DMF: 30 mg/ml (150.60 mM); Ethanol: 30 mg/ml (150.60 mM); PBS (pH 7.2): 10 mg/ml (50.20 mM)
SMILES	: <chem>CCCCCC(N[C@@H](CCO1)C1=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Frederike Stock,et al. Distinctive Growth and Transcriptional Changes of the Diatom *Seminais robusta* in Response to Quorum Sensing Related Compounds. Front Microbiol. 2020 Jun 9;11:1240.