
N-dodecanoyl-L-Homoserine lactone

产品编号: D58976

CAS: 137173-46-7

分子式: C₁₆H₂₉NO₃

纯度: 99.8%

InChi Key: InChIKey=WILLZMOKUUPJSL-AWEZNQCLSA-N

Smiles: CCCCCCCCCC(N[C@@H](CCO1)C1=O)=O

外观: 固体粉末

作用通路: Others

作用靶点: Others

溶解性: DMSO:25 mg/mL (88.21 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: N-dodecanoyl-L-Homoserine lactone is a quorum sensing (QS) signaling molecule, a microbial communication mechanism modulated by acyl homoserine lactone (AHL) molecules impacts biofilm formation in bioreactors.