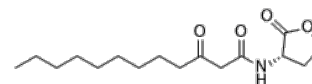


Product Name : 3OC12-HSL
Cat. No. : PC-28033
CAS No. : 168982-69-2
Molecular Formula : $C_{16}H_{27}NO_4$
Molecular Weight : 297.40
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

3OC12-HSL is a *P. aeruginosa* **quorum-sensing molecule**, triggers quorum-sensing signal cascade, interacts with signal receptor-transcription factors **LasR** and **QscR**.

References

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- Chun CK, et al. **Proc Natl Acad Sci U S A.** 2004 Mar 9;101(10):3587-90.
- Pearson, J. P., et al. (1994) **Proc. Natl. Acad. Sci.** USA 91, 197-201.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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