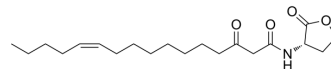


3-Oxo-C16:1

Cat. No.:	HY-118040
CAS No.:	1269663-80-0
Molecular Formula:	C ₂₀ H ₃₃ NO ₄
Molecular Weight:	351.48
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

3-Oxo-C16:1 could induce changes in root protein production in the model legume *Medicago truncatula*. 3-Oxo-C16:1 is an unsaturated 16-carbon AHL utilized by species such as *S. meliloti* and *Agrobacterium vitis*^[1].

REFERENCES

[1]. Andrew G Palmer, Plant responses to bacterial N-acyl L-homoserine lactones are dependent on enzymatic degradation to L-homoserine. *ACS Chem Biol*. 2014 Aug 15;9(8):1834-45.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA