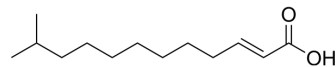


## trans-11-Methyl-2-dodecenoic acid

Cat. No.:	HY-130317
CAS No.:	677354-24-4
Molecular Formula:	C <sub>13</sub> H <sub>24</sub> O <sub>2</sub>
Molecular Weight:	212.33
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

trans-11-Methyl-2-dodecenoic acid is an isomer of cis-11-Methyl-2-dodecenoic acid (HY-134215). cis-11-Methyl-2-dodecenoic acid is a quorum sensing (QS) signal that acts as a diffusion signaling factor (DSF) in extracellular microbial and fungal communication systems<sup>[1]</sup>.

### REFERENCES

[1]. Wang LH, et al. A bacterial cell-cell communication signal with cross-kingdom structural analogues. Mol Microbiol.

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

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