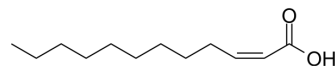


cis-2-Dodecenoic acid

Cat. No.:	HY-N7788
CAS No.:	55928-65-9
Molecular Formula:	C ₁₂ H ₂₂ O ₂
Molecular Weight:	198.3
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

cis-2-Dodecenoic acid, originally discovered in *Burkholderia cenocepacia*, can interfere with the bacterial quorum sensing system and inhibit bacterial biofilm formation and virulence factor production^[1].

REFERENCES

[1]. Yinyue Deng, et al. Cis-2-dodecenoic acid signal modulates virulence of *Pseudomonas aeruginosa* through interference with quorum sensing systems and T3SS. *BMC Microbiol.* 2013 Oct 18;13:231.

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