



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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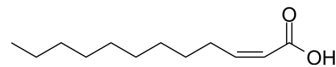
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cis-2-Dodecenoic acid

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.

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