



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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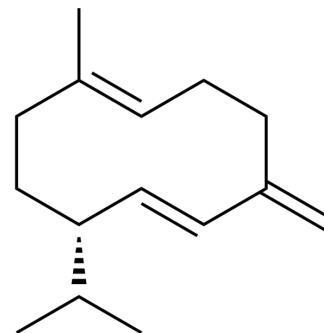
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Germacrene D

Cat. No.:	HY-125685
CAS No.:	23986-74-5
Molecular Formula:	C ₁₅ H ₂₄
Molecular Weight:	204.35
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Germacrene D is isolated from <i>Solidago canadensis</i> . Germacrene D has antibacterial and antifungal activities and can be used as an adjuvant agent in the application of aminoglycosides and azoles ^[1] .
IC ₅₀ & Target	IC50: bacterial ^[1]
In Vitro	Germacrene D shows antibacterial and antifungal activities, the mechanism of antimicrobial action of it may be related to permeabilization of the cells and disruption of the membrane integrity ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Noge K, et al. Germacrene D, a common sesquiterpene in the genus *Bursera* (Burseraceae). *Molecules*. 2009 Dec 15;14(12):5289-97.

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

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