



SZABO SCANDIC

Part of Europa Biosite

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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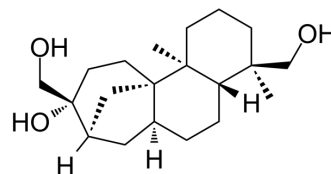
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3-Deoxyaphidicolin

Cat. No.:	HY-125698
CAS No.:	85483-00-7
Molecular Formula:	C ₂₀ H ₃₄ O ₃
Molecular Weight:	322.48
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

3-Deoxyaphidicolin exhibits phytotoxic efficacy, that inhibits root growth of lettuce seedlings. 3-Deoxyaphidicolin also exhibits leishmanicidal activity against *Leishmania major* and *Leishmania braziliensis*^{[1][2]}.

REFERENCES

[1]. Haraguchi T, et al., Specific inhibitors of eukaryotic DNA synthesis and DNA polymerase alpha, 3-deoxyaphidicolin and aphidicolin-17-monoacetate. *Nucleic Acids Res.* 1983 Feb 25;11(4):1197-209.

[2]. Santos G B, et al., The semisynthetic landscape of aphidicolin: inspiration towards leishmanicidal compounds[J]. *Journal of the Brazilian Chemical Society*, 2014, 25: 1885-1899.

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

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