



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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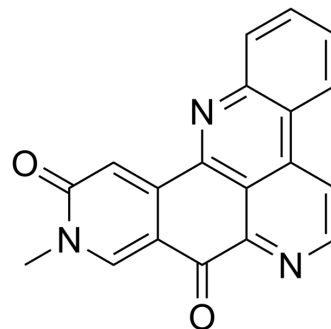
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Amphimedine

Cat. No.:	HY-121014
CAS No.:	86047-14-5
Molecular Formula:	C ₁₉ H ₁₁ N ₃ O ₂
Molecular Weight:	313.31
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Amphimedine is a polycyclic alkaloid isolated from the marine sponge *Amphimedon* sp. and belongs to the pyridoindole alkaloid class. Amphimedine has cytotoxic activity and has been studied as an anticancer metabolite along with neoamphimedine. Studies have shown that deoxyamphimedine damages DNA by generating reactive oxygen species, a mechanism different from that of amphimedine.

REFERENCES

[1]. Deoxyamphimedine, a New Pyridoacridine Alkaloid from Two Tropical *Xestospongia* Sponges

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

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