



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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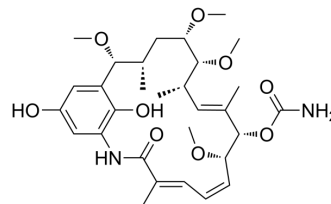
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TAN-420E

Cat. No.:	HY-W747504
CAS No.:	91700-93-5
Molecular Formula:	C ₃₀ H ₄₄ N ₂ O ₉
Molecular Weight:	576.68
Target:	Antibiotic; Reactive Oxygen Species
Pathway:	Anti-infection; Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TAN-420E (Dihydroherbimycin A) is an antibiotic, that can be isolated from the fermentation product of *Streptomyces hygrosopicus*. TAN-420E exhibits cytotoxicity in cancer cells P-388 and KB. TAN-420E scavenges DPPH free radicals with an IC₅₀ of 1.3 μM^{[1][2]}.

REFERENCES

- [1]. Lin LZ, et al., 1H-nmr analysis of herbimycins and dihydro-herbimycins. *J Nat Prod.* 1988 Nov-Dec;51(6):1161-5
- [2]. Chang HB, et al., Antioxidant properties of dihydroherbimycin A from a newly isolated *Streptomyces* sp. *Biotechnol Lett.* 2007 Apr;29(4):599-603.

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

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