



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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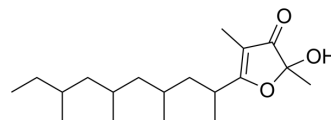
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AS-183

Cat. No.:	HY-129340
CAS No.:	147317-12-2
Molecular Formula:	C ₁₉ H ₃₄ O ₃
Molecular Weight:	310.47
Target:	Acyltransferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AS-183 is an inhibitor of cholesterol acyltransferase (ACAT) ($IC_{50}=0.94 \mu\text{M}$). AS-183 also inhibits the formation of cholesterol esters in HepG2, CaCo2 and THP-1 cells with IC_{50} values of 18.1, 25.5 and 34.5 μM , respectively. AS-183 can be used in the study of atherosclerosis and hypercholesterolemia^[1].

REFERENCES

[1]. Kuroda, et al. AS-183, a novel inhibitor of acyl-CoA: cholesterol acyltransferase produced by *Scedosporium* sp. SPC-15549. *The Journal of Antibiotics* 46.8 (1993): 1196-1202.

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

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