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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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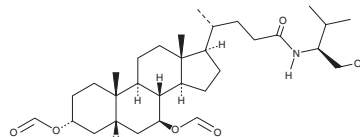
PRODUCT INFORMATION



A17

Item No. 39686

CAS Registry No.: 2568186-47-8
Formal Name: (3 α ,5 β ,7 β)-3,7-bis(formyloxy)-N-[(1S)-1-(hydroxymethyl)-2-methylpropyl]-cholan-24-amide
MF: C₃₁H₅₁NO₆
FW: 533.7
Purity: $\geq$ 98%
Supplied as: A crystalline solid
Storage: -20°C
Stability: $\geq$ 4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

A17 is supplied as a crystalline solid. A stock solution may be made by dissolving the A17 in the solvent of choice, which should be purged with an inert gas. A17 is sparingly soluble (1-10 mg/ml) in chloroform and slightly soluble (0.1-1 mg/ml) in methanol.

Description

A17 is a bile acid derivative.¹ It reduces triglyceride accumulation induced by oleic acid (Item Nos. 90260 | 24659), increases cell viability, and decreases oleic acid-induced lipid peroxidation in primary rat hepatocytes when used at concentrations of 10 and 25 μ M. A17 (25 μ M) reduces levels of CD36, also known as scavenger receptor B2 or fatty acid translocase, in primary rat hepatocytes. *In vivo*, A17 (50 mg/kg) reduces serum triglyceride, total cholesterol, and LDL levels, reverses hepatic steatosis, and decreases hepatic triglyceride, but not total cholesterol, levels in a hamster model of high-fat diet-induced non-alcoholic steatohepatitis (NASH).

Reference

1. Wang, Y., Zhu, Y., Niu, J., *et al.* A novel bile acid analog, A17, ameliorated non-alcoholic steatohepatitis in high-fat diet-fed hamsters. *Toxicol. Appl. Pharmacol.* **404**, 115169 (2020).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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