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Produktinformation

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siehe unsere Liefer- und Versandbedingungen

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- Trockeneiszuschlag
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- Expressversand

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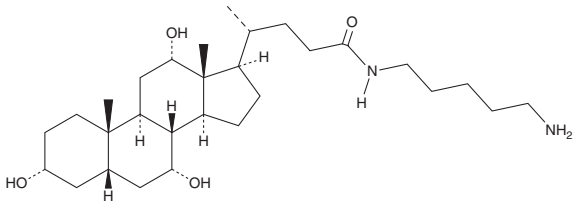
PRODUCT INFORMATION

Cholyl-cadaverine

Item No. 40897

CAS Registry No.:	142970-25-0
Formal Name:	N-(5β-aminopentyl)-3α,7α,12α-trihydroxy-cholan-24-amide
MF:	$C_{29}H_{52}N_2O_4$
FW:	492.7
Purity:	≥98%
Supplied as:	A crystalline solid
Storage:	-20°C
Stability:	≥2 years



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

Laboratory Procedures

Cholyl-cadaverine is supplied as a crystalline solid. A stock solution may be made by dissolving the cholyl-cadaverine in the solvent of choice, which should be purged with an inert gas. Cholyl-cadaverine is sparingly soluble (1-10 mg/ml) in ethanol and DMSO.

Further dilutions of the stock solution into aqueous buffers or isotonic saline should be made prior to performing biological experiments. Ensure that the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. Organic solvent-free aqueous solutions of cholyl-cadaverine can be prepared by directly dissolving the crystalline solid in aqueous buffers. Cholyl-cadaverine is slightly soluble (0.1-1 mg/ml) in PBS (pH 7.2). We do not recommend storing the aqueous solution for more than one day.

Description

Cholyl-cadaverine is a polyamine bile amidate.[1] It has been used as a standard for the detection of endogenous bile acid amidates in mammalian fecal samples.

Reference

1. Mohanty, I., Mannochio-Russo, H., Schweer, J.V., *et al.* The underappreciated diversity of bile acid modifications. *Cell* **187(7)**, 1801-1818 (2024).

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.

WARRANTY AND LIMITATION OF REMEDY
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