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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PRODUCT INFORMATION



Spiro-Oxanthromicin A

Item No. 32555

CAS Registry No.: 1616622-10-6
Formal Name: 2',7'-dihydro-2,5,6',10'-tetrahydroxy-4,5',6,8'-tetramethyl-7',10-dioxo-spiro[anthracene-9(10H),3'-[3H]benz[de]anthracene]-3,9'-dicarboxylic acid

MF: C₃₆H₂₆O₁₀

FW: 618.6

Purity: ≥95%

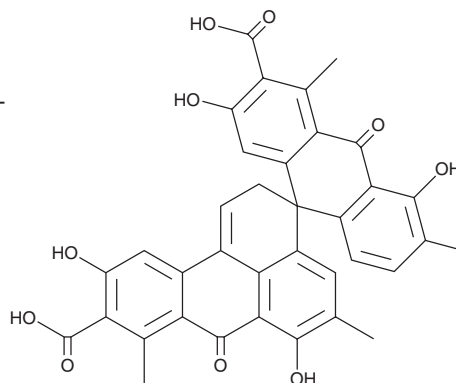
Supplied as: A solid

Storage: -20°C

Stability: ≥2 years

Item Origin: Bacterium/*Streptomyces* sp.

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



Laboratory Procedures

Spiro-oxanthromicin A is supplied as a solid. A stock solution may be made by dissolving the spiro-oxanthromicin A in the solvent of choice, which should be purged with an inert gas. Spiro-oxanthromicin A is soluble in methanol and DMSO.

Description

Spiro-oxanthromicin A is a polyketide that has been found in *Streptomyces*.¹ It induces mislocalization of K-RAS in MDCK cells (IC₅₀ = 26.7 μM).

Reference

1. Salim, A.A., Xiao, X., Cho, K.J., *et al.* Rare *Streptomyces* sp. polyketides as modulators of K-Ras localisation. *Org. Biomol. Chem.* **12(27)**, 4872-4878 (2014).

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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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD

ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897

[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM

WWW.CAYMANCHEM.COM