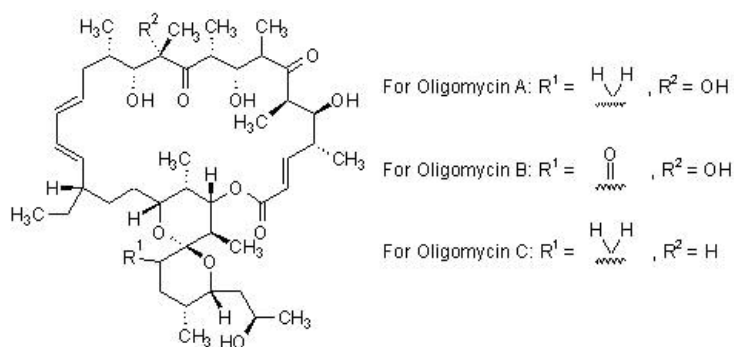


Oligomycin, ATP synthase inhibitor ab141829

[12 References](#) [2 Images](#)

Overview

Product name	Oligomycin, ATP synthase inhibitor
Description	ATP synthase inhibitor
Purity	> 95%
CAS Number	1404-19-9
Chemical structure	



Properties

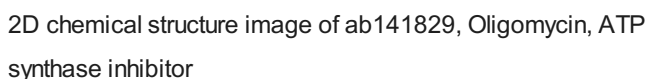
Chemical name	(1 <i>R</i> ,2' <i>R</i> ,4 <i>E</i> ,5' <i>S</i> ,6 <i>S</i> ,6' <i>S</i> ,7 <i>R</i> ,8 <i>S</i> ,10 <i>R</i> ,11 <i>R</i> ,12 <i>S</i> ,14 <i>R</i> ,15 <i>S</i> ,16 <i>R</i> ,18 <i>E</i> ,20 <i>E</i> ,22 <i>R</i> ,25 <i>S</i> ,28 <i>S</i> ,29 <i>R</i>)-22-Ethyl-3',4',5',6'-tetrahydro-7,11,14,15-tetrahydroxy-6'-[(2 <i>R</i>)-2-hydroxypropyl]-5',6,8,10,12,14,16,28,29-nonamethyl-spiro[2,26-dioxabicyclo[23.3.1]nonacos-4,18,20-triene-27,2'-[2 <i>H</i>]pyran]-3,9,13-trione (for Oligomycin A)
Molecular weight	791.07
Molecular formula	C ₄₅ H ₇₄ O ₁₁ (for Oligomycin A)
PubChem identifier	5281899
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 10 mM and in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Refer to SDS for further information.

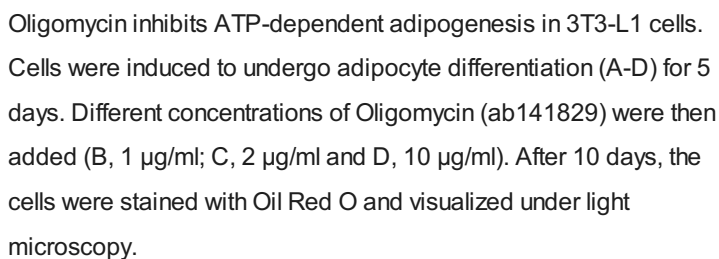
Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.

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Chemical Structure - Oligomycin, ATP synthase inhibitor (ab141829)



Functional Studies - Oligomycin, ATP synthase inhibitor (ab141829)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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