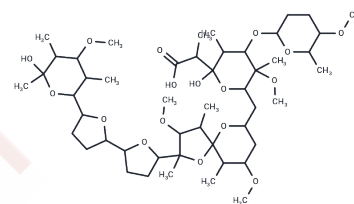


A 204

## Chemical Properties

CAS No. : 12750-79-7  
 Formula: C<sub>49</sub>H<sub>84</sub>O<sub>17</sub>  
 Molecular Weight: 945.194  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	A 204 is a polycyclic polyether monocarboxylic acid antibiotic isolated from fermentation of strain of <i>Streptomyces albus</i> .
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.058 mL	5.2899 mL	10.5799 mL
5 mM	0.2116 mL	1.058 mL	2.116 mL
10 mM	0.1058 mL	0.529 mL	1.058 mL
50 mM	0.0212 mL	0.1058 mL	0.2116 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Fitzgerald PR. Efficacy of antibiotics A204 sodium A28695A, and A204np against *Coccidia* of rabbits. *J Protozool.* 1976 Feb;23(1):150-4. PubMed PMID: 1271305.
- Wong DT, Horng JS, Hamill RL, Lardy HA. Effect of a new monocarboxylic acid antibiotic, A204, on the monovalent cation permeability of rat liver mitochondria. *Biochem Pharmacol.* 1971 Nov;20(11):3169-77. PubMed PMID: 4257133.
- Worth HM, Meyers DB, Gibson WR, Todd GC. Acute and subacute toxicity of A204. *Antimicrob Agents Chemother (Bethesda).* 1970;10:357-60. PubMed PMID: 5521356.
- Todd GC, Meyers DB, Pierce EC, Worth HM. Acute reversible myopathy produced by compound A204. *Antimicrob Agents Chemother (Bethesda).* 1970;10:361-5. PubMed PMID: 5521357.

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