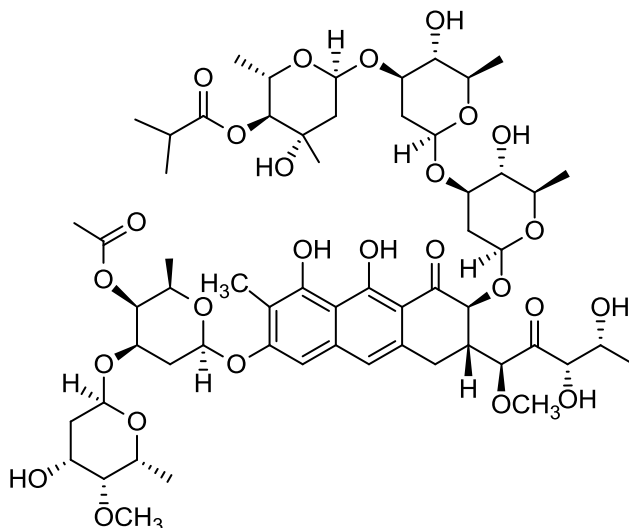


Chromomycin A2

Code No.: **BIA-C1518**

Pack sizes: **1 mg, 5 mg**



Synonyms : Aburamycin A, NSC 131187

Specifications

CAS #	: 6992-70-7
Molecular Formula	: C₅₉H₈₆O₂₆
Molecular Weight	: 1211.3
Source	: <i>Streptomyces</i> sp.
Appearance	: Yellow powder
Purity	: >98% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Chromomycin A2 is a minor, more hydrophobic analogue of the chromomycin complex of the aureolic acid class. Chromomycin A2 was originally isolated from *S. aburaviensis* and named aburamycin. Chromomycin A2 exhibits a broad biological profile as an antibacterial, antifungal and antitumor agent. Chromomycin A2 has not been extensively studied.

References

1. Aburamycin, a new antibiotic. Nishimura H. et al. J. Antibiotic. Ser. A 1957, 10, 205.
2. The full structures of three chromomycins, A2, A3, and A4. Miyamoto M. et al. Tet. Lett. 1966, 6, 545.

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