

## 4'-Acetyl Chryso mycin A

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	4'-Acetyl chryso mycin A is a bacterial metabolite and derivative of chryso mycin A that has been found in <i>Streptomyces</i> and has antibacterial and anticancer activities. It is active against strains of methicillin-resistant <i>S. aureus</i> (MRSA) and vancomycin-resistant strains of <i>E. faecalis</i> and <i>E. faecium</i> (MICs = 0.5-2 µg/ml for all). 4'-Acetyl chryso mycin A is cytotoxic against a panel of human cancer cell lines, including doxorubicin-sensitive or -resistant cells (IC50s = 0.085-0.26 and 3.4-16 ng/ml, respectively).
Targets (IC50)	Others

## Reference

Wada, S.-I., Sawa, R., Iwanami, F., et al. Structures and biological activities of novel 4'-acetylated analogs of chryso mycins A and B. *Antibiot. (Tokyo)* 70(11)1078-1082(2017)

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