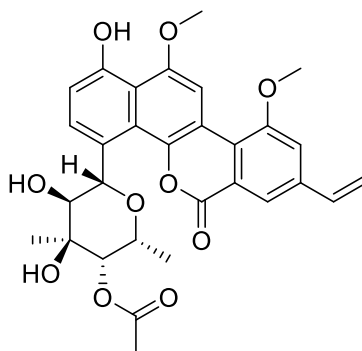


## 4'-Acetylchrysomycin B

Code No.: **BIA-A2349**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : Acetylchrysomycin M

### Specifications

CAS #	: NA
Molecular Formula	: <b>C<sub>30</sub>H<sub>30</sub>O<sub>10</sub></b>
Molecular Weight	: <b>550.6</b>
Source	: <b><i>Streptomyces</i> sp.</b>
Appearance	: <b>Yellow solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in methanol or DMSO</b>

### Application Notes

4'-Acetylchrysomycin B and its co-metabolite, 4'-acetylchrysomycin A, were isolated during a screen for antitumor agents. Acetylation of chrysomycin B increase cytotoxicity. Acetylchrysomycins are active against Gram-positive bacteria, including MRSA and VRE, with MICs of 0.5-2 µg ml<sup>-1</sup> to >64 µg ml<sup>-1</sup> for 4'-acetylchrysomycin A and B, respectively.

### References

1. Structures and biological activities of novel 4'-acetylated analogs of chrysomycins A and B. Wada S. et al. J. Antibiot. 2017, 70, 1078.