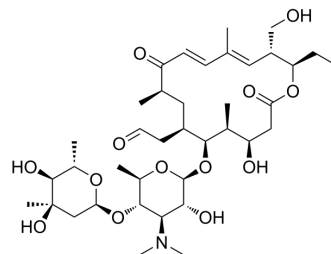


## 23-O-Demycinosyltylosin

Cat. No.:	HY-N11421
CAS No.:	79592-92-0
Molecular Formula:	C <sub>38</sub> H <sub>63</sub> NO <sub>13</sub>
Molecular Weight:	741.91
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	23-O-Demycinosyltylosin (23-DMT) is a 23-O-demycinosyltylosin (DMT) acyl derivative with antibacterial activity <sup>[1]</sup> .
<b>In Vitro</b>	23-O-Demycinosyltylosin inhibits the growth of gram-positive bacteria sensitive to macrolides <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Cacciapuoti AF, et al. Microbiological and pharmacokinetic studies of acyl demycinosyltylosin and related tylosin derivatives. J Antibiot (Tokyo). 1990 Sep;43(9):1131-6.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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