

Malonyl-4,5-dihydroniphimycin: A New Polyol Macrolide Antibiotic, Produced by *Streptomyces hygroscopicus*

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Z. Naturforsch. **2007**, 62b, 1187 – 1192; received January 22, 2007

Malonyl-4,5-dihydroniphimycin was isolated as a new antibiotic from the mycelium of *Streptomyces hygroscopicus* **15**. The chemical constitution was elucidated from the physico-chemical properties, using NMR techniques and mass spectrometry, to be a 36-membered macrolide related to non-polyenic antibiotics. Malonyl-4,5-dihydroniphimycin displays activity against filamentous fungi and Gram-positive bacteria.

Key words: *Streptomyces hygroscopicus* 15, Malonyl-4,5-dihydroniphimycin, Antifungal and
Antibacterial Activity