

Hyafurones, Hyapyrrolines, and Hyapyrones: Polyketides from *Hyalangium minutum*

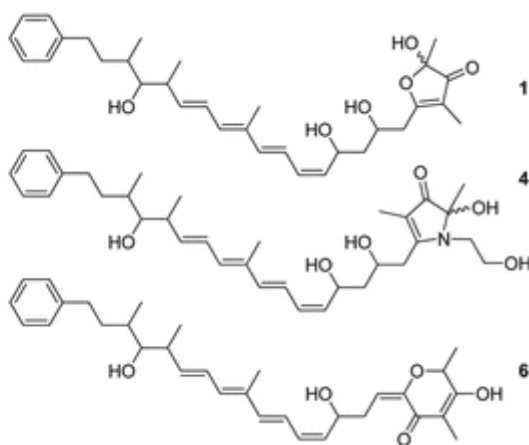
Patrick W. Okanya¹, Kathrin I. Mohr², Klaus Gerth², Wolfgang Kessler², Rolf Jansen², Marc Stadler³, and Rolf Müller⁴

²Department Microbial Drugs, Helmholtz Centre for Infection Research, Inhoffenstrasse 7, 38124 Braunschweig, Germany.

³Helmholtz Institute for Pharmaceutical Research Saarland, Helmholtz Centre for Infection Research, and Department of Pharmaceutical Biotechnology, Saarland University.

¹Department of Biochemistry and Biotechnology, Technical University of Kenya, ⁴German Centre for Infection Research (DZIF), Partner Site Hannover-Braunschweig, 38124 Braunschweig, Germany.

Abstract



Seven new polyketides, for which the trivial names hyafurones A₁–B (1–3), hyapyrrolines A (4) and B (5), and hyapyrones A (6) and B (7) are proposed, were isolated from the fermentation broth of the myxobacteria *Hyalangium minutum*, strains NOCB-2^T and Hym-3. Their structures were elucidated from NMR and HRESIMS data, and their geometric configuration was assigned based on NOE and vicinal ¹H coupling data. Both hyafurone B (3) and hyapyrone B (7) inhibited growth of the Gram-positive bacterium *Nocardia flava*, while 7 showed antifungal activity against *Mucor hiemalis*.

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