Farinamycin, a quinazoline from *Streptomyces griseus*.

Nett M, Hertweck C (2011) Farinamycin, a quinazoline from *Streptomyces griseus*. *J Nat Prod* 74(10), 2265-2268.

Details

PubMed

Abstract

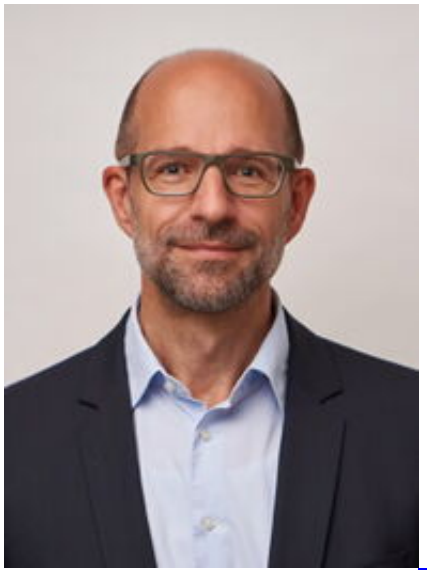
The metabolic potential of a Streptomyces griseus strain was investigated under various cultivation conditions. After fermentation in a flour-based medium, a new quinazoline metabolite, farinamycin (1), could be isolated from the bacterium, which was previously known only for the production of phenoxazinone antibiotics. The structure of 1 illuminates the biosynthetic versatility of S. griseus, which assembles a defined set of building blocks into structurally diverse natural products.

Beteiligte Forschungseinheiten

Biomolekulare Chemie Christian Hertweck Mehr erfahren

Sekundärmetabolismus räuberischer Bakterien Mehr erfahren

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Identifier

doi: 10.1021/np2002513

PMID: 21939253