Hydrazidomycins, cytotoxic alkylhydrazides from *Streptomycesatratus*.

Ueberschaar N, Ndejouong Ble S, Ding L, Maier A, Fiebig HH, Hertweck C (2011) Hydrazidomycins, cytotoxic alkylhydrazides from *Streptomycesatratus*. *Bioorg Med Chem Lett* 21(19), 5839-5841.

Details

PubMed

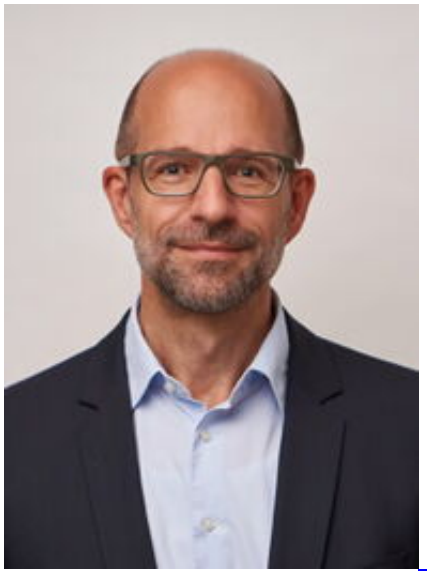
Abstract

Three unusual alkyhydrazide natural products, named hydrazidomycin A (1), B (2) and C (3), were isolated from the chloroform extract of a Streptomycesatratus culture, and their structures were elucidated by MS and NMR techniques. Hydrazidomycins A-C exhibited moderate to strong cytotoxic activities in a panel of 42 cell lines, with hydrazidomycin A being the most potent compound (mean IC(50)=0.37 μM).

Beteiligte Forschungseinheiten

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