

Hydrazidomycins, cytotoxic alkylhydrazides from *Streptomycesatratus*.

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

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Abstract

Three unusual alkylhydrazide 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 IC₅₀=0.37 μ M).

Beteiligte Forschungseinheiten

[Biomolekulare Chemie](#) [Christian Hertweck](#) [Mehr erfahren](#)

Leibniz-HKI-Autor*innen



Christian Hertweck

[Details](#)



Nico Ueberschaar

[Details](#)

Identifier

doi: 10.1016/j.bmcl.2011.07.108

PMID: 21868221