Discovery of aspoquinolones A-D, prenylated quinoline-2-one alkaloids from Aspergillus nidulans, motivated by genome mining.


Abstract

Motivated by the observation that the Aspergillus nidulans genome bears multiple anthranilic acid synthase gene copies, the fungal metabolome was reinvestigated under various fermentation conditions, resulting in the discovery of novel prenylated quinolin-2-one alkaloids, two of which bear unprecedented terpenoid side chains.

Beteiligte Abteilungen und Gruppen

Biomolekulare Chemie

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Identifier

PMID: 17036148