

Targeted isolation of saalfelduracin B-D from *Amycolatopsis saalfeldensis* using LC-MS/MS-based molecular networking.

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Abstract

High-resolution tandem mass spectrometry (HR-MS²)-based metabolomic studies of *Amycolatopsis saalfeldensis*, isolated from the “Saalfelder Feengrotten” caves in Germany, led to the isolation of three ribosomally synthesized and post-translationally modified type II thiopeptides, saalfelduracin B–D (1–3) and the known saalfelduracin A (4). The structures of all four compounds were determined by comparative two-dimensional NMR analysis and high-resolution tandem mass spectrometry.

Involved units

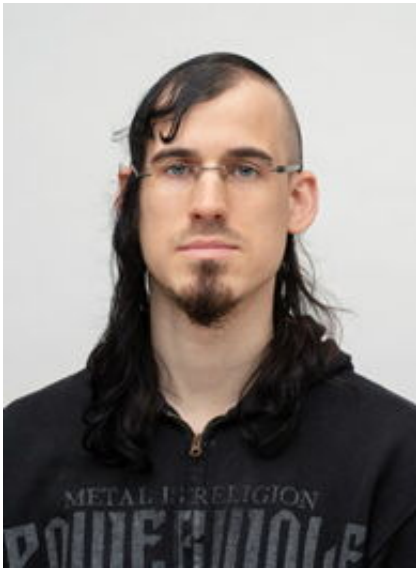
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