

Publications

Seibel E, Um S, Dayras M, Bodawatta KH, de Kruijff M, Jönsson KA, Poulsen M, Kim KH, Beemelmanns C (2023) Genome mining for macrolactam-encoding gene clusters allowed for the network-guided isolation of β -amino acid-containing cyclic derivatives and heterologous production of ciromycin A. *Commun Chem* 6(1), 257.

Schalk F, Fricke J, Um S, Conlon BH, Maus H, Jäger N, Heinzel T, Schirmeister T, Poulsen M, Beemelmanns C (2021) GNPS-guided discovery of xylacremolide C and D, evaluation of their putative biosynthetic origin and bioactivity studies of xylacremolide A and B. *RSC Adv* 11(31), 18748-18756.

Um S, Guo H, Thiengmag S, Benndorf R, Murphy R, Rischer M, Braga D, Poulsen M, de Beer ZW, Lackner G, Beemelmanns C (2021) Comparative genomic and metabolic analysis of *Streptomyces* sp. RB110 morphotypes illuminates genomic rearrangements and formation of a new 46-membered antimicrobial macrolide. *ACS Chem Biol* 16(8), 1482-1492.

Um S, Seibel E, Schalk F, Balluf S, Beemelmanns C (2021) Targeted isolation of saalfelduracin B-D from *Amycolatopsis saalfeldensis* using LC-MS/MS-based molecular networking. *J Nat Prod* 84(4), 1002-1011.

Schalk F, Um S, Guo H, Kreuzenbeck NB, Görls H, de Beer ZW, Beemelmanns C (2020) Targeted discovery of tetrapeptides and cyclic polyketide-peptide hybrids from a fungal antagonist of farming termites. *ChemBioChem* 21(20), 2991-2996.

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