Biosynthesis of the mitochondrial adenine nucleotide translocase (ATPase) inhibitor bongkrekic acid in Burkholderia gladioli.

Rohm B, Scherlach K, Hertweck C (2010) Biosynthesis of the mitochondrial adenine nucleotide translocase (ATPase) inhibitor bongkrekic acid in Burkholderia gladioli. *Org Biomol Chem* 8(7), 1520-1522.

Abstract

Biosynthetic studies with (13)C-labelled acetates and methionine revealed that the infamous, food-related toxin bongkrekic acid from Burkholderia gladioli is a polyketide with acetate-derived beta-branches and a carboxylate terminus derived from the methyl group of an acetate.

Beteiligte Forschungseinheiten

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