

# **Diacidene, a Polyene Dicarboxylic Acid from a *Micromonospora* Isolate from the German Wadden Sea**

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*Micromonospora* sp. strain DB620 was isolated from a Wadden Sea sediment sample collected near Büsum (Germany) and is closely related (99% 16S-rRNA gene sequence similarity) to *Micromonospora coxensis* strain MTCC8093. It produced a new polyene dicarboxylic acid named diacidene (**1**) and in addition a derivative of chorismic acid, the known 3-[(1-carboxyvinyl)oxy]benzoic acid. The structure elucidation of **1** was achieved by applying different 1D and 2D NMR techniques as well as mass spectrometry and UV spectroscopy.

*Key words:* *Micromonospora*, Dicarboxylic Acid, Diacidene