Naturally Occurring Acetylenes

F. Bohlmann, T. Burkhardt, C. Zdero

Naturally occurring thiophenes are characteristic secondary metabolites derived from plants belonging to the family Asteraceae, such as Tagetes, Echinops, Artemisia, Balsamorhiza, Blumea, Pluocha, Porophyllum and Eclipta. Furthermore, naturally occurring thiophenes are generally composed of one to five thiophene rings that are coupled together through their α-carbons, and carry alkyl chains on their free ortho-positions. Bohlmann F (1988) Naturally-occurring acetylenes. Naturally occurring sources refers to psychoactive chemicals or their precursors that already exist in nature. This is in contrast to synthetic psychoactive compounds which are artificially produced or designed in laboratories. These natural chemicals can often be reproduced synthetically as well, though notably they appear in nature or through human cultivation.