Microbial Transformation of a β- and γ-Eudesmols Mixture

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Beta- and gamma-eudesmols mixture was microbiologically transformed by Gibberella suabinetti ATCC 20193. Seven different eudesmanoidal metabolites (3–9) were isolated and their structures were elucidated by the different spectroscopic techniques. These metabolites are: eudesma-4-en-11-ol-3-one (carissone), eudesma-3-en-2β, 11-diol, eudesma-4-en-3β,11-diol, eudesma-4(15)-en-8,11-diol, eudesma-4(15)-en-2α,11-diol (pterocarpol), 1(3)cyclo-eudesma-4(15)-en-11,12-diol and eudesma-4-en-11,15-diol.