

Novel Resorcinol Derivatives from *Lasiodiplodia theobromae*

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Lasiodiplodia theobromae, Potato Micro-Tuber Inducing Substance, Resorcinol Derivatives

Two novel resorcinol derivatives were isolated from the mycelium of *Lasiodiplodia theobromae* IFO 31059 as potato micro-tuber inducing compounds. Their structures were established by spectroscopic methods as ethyl (6' *R*)-2,4-dihydroxy-6-(6'-hydroxyheptyl)benzoate (**8**) and isobutyl (6' *R*)-2,4-dihydroxy-6-(6'-hydroxyheptyl)benzoate (**9**). The absolute stereochemistry of the asymmetric center of (**8**) was determined by an advanced Mosher method.