

# Mariannaeapyrone – a New Inhibitor of Thromboxane A<sub>2</sub> Induced Platelet Aggregation

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Mariannaeapyrone ((*E*)-2-(1,3,5,7-tetramethyl-5-nonenyl)-3,5-dimethyl-6-hydroxy-4*H*-pyran-4-one) is a new fungal metabolite isolated from fermentations of the common mycophilic deuteromycete *Mariannaea elegans*. The chemical structure of the 4-pyrone was determined by spectroscopic techniques. Mariannaeapyrone is a selective inhibitor of the thromboxane A<sub>2</sub> induced aggregation of human platelets, whereas only weak cytotoxic and antimicrobial effects could be observed.