

Cytotoxic and Antiplasmodial Xanthenes from *Pentadesma butyracea*

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Auteur	Zelefack, Fabien [1], Guilet, David [2], Fabre, Nicolas [3], Bayet, Christine [4], Chevalley, S�verine [5], Ngouela, Silv�re [6], Lenta, Bruno Ndjakou [7], Valentin, Alexis [8], Tsamo, Etienne [9], Dijoux-Franca, Marie-Genevi�ve [10]
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R�sum� en anglais	Four new xanthenes, butyraxanthenes A-D (1-4), were isolated from the stem bark of <i>Pentadesma butyracea</i> , together with six known xanthenes (5-10) and a triterpenoid (lupeol). The structures of 1-4 were established by spectroscopic methods. Compounds 1-10 were tested in vitro for antiplasmodial activity against a <i>Plasmodium falciparum</i> chloroquine-resistant strain and for cytotoxicity against a human breast cancer cell line (MCF-7). Nearly all of these xanthenes exhibited good antiplasmodial activity, and some of them also demonstrated potent cytotoxicity.
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Liens

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