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3-Hydroxy Fatty Acids from the Flowers of *Hypericum lysimachioides* var. *lysimachioides*

of

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Abstract: Fatty acid methyl esters in the leaves and flowers of *Hypericum lysimachioides* var. *lysimachioides* (Guttiferae) were analyzed by gas chromatography and gas chromatography-mass spectrometry. The flowers of *H. lysimachioides* var. *lysimachioides* produced unusual 3-hydroxy fatty acids [3-hydroxy- tetradecanoic acid (3-OH-C14:0) and 3-hydroxy-octadecanoic acid (3-OH-C18:0)], along with other normal fatty acids. Major components were linolenic and palmitic acids for both leaves and flowers.

Key Words: *Hypericum lysimachioides* var. *lysimachioides*, fatty acid composition, 3-hydroxy fatty acid derivatives

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