



Eucalyptone G, a new phloroglucinol derivative and other constituents from *Eucalyptus globulus* Labill.

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Abstract:

A new phloroglucinol derivative named eucalyptone G (4) together with nine known compounds (1-3, 5-10) were isolated for the first time from the ethyl acetate fraction of the bark of small twigs of *Eucalyptus globulus* Labill. Their chemical structures were established on the basis of physical, chemical and spectroscopic methods 1D (¹H and ¹³C) NMR and 2D (COSY, HMQC and HMBC) NMR in addition to mass spectrometry and comparison with literature data. Eucalyptone G displayed antibacterial activity against *Bacillus subtilis*, *Staphylococcus aureus* and *Escherichia coli*.

Keywords:

Eucalyptus globulus Labill.; Myrtaceae; eucalyptone G, antibacterial activity

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