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A New Chalcone from Propolis Collected on Jeju Island, Korea

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The new chalcone, 4'-methoxy-bavachromanol (1), was isolated from propolis collected on Jeju, a southern island of Korea together with two known compounds, laserpitin (2) and isolaserpitin (3). The structure of each compound was determined by spectral methods, including mass spectrometry and 2D NMR. The IC₅₀ value of 1 against soybean lipoxygenase was 14.6 μM.

Keywords: [propolis](#), [Jeju](#), [chalcone](#), [khellactone](#), [4'-methoxy-bavachromanol](#), [lipoxygenase](#)


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