SUPPLEMENTARY MATERIAL

A new megastigmane sulfoglycoside and polyphenolic constituents from pericarps of *Garcinia mangostana*

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Abstract

A megastigmane sulfoglycoside together with three phenolic compounds were isolated from the water-soluble fraction of the pericarps of *Garcinia mangostana*. The structure of the new compound was determined as 4-*O*-sulfo- β -D-glucopyranosyl abscisate (**1**) by spectroscopic data. Proanthocyanidin A2 (**2**) showed potent α -glucosidase inhibitory and DPPH scavenging activities with IC₅₀ values of 3.46 and 11.6 μ M, respectively.

Keywords: *Garcinia mangostana*, megastigmane sulfoglycoside, proanthocyanidin A2, α -glucosidase, DPPH

Figure S1. ^1H -NMR spectrum of **1**

Figure S2. ^{13}C -NMR spectrum of **1**

Figure S3. ^1H - ^1H COSY spectrum of **1**

Figure S4. HSQC-DEPT spectrum of **1**

Figure S5. HMBC spectrum and key HMBC correlations of **1**

Figure S6. NOESY spectrum of **1**

Figure S7. HR-ESI-MS spectrum of **1**

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