SUPPLEMENTARY MATERIAL

Two new dammarane-type triterpenoid saponins from ginseng medicinal fungal substance

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Abstract

Two new triterpenoid saponins, namely ginsenoside Re₈ (**1**) and notoginsenoside ST-8 (**2**), were isolated from ginseng medicinal fungal substance. Their structures were elucidated by spectroscopic data and chemical analysis.

Keywords: ginseng medicinal fungal substance; ginsenoside Re₈; notoginsenoside ST-8

Figure S1 HR-ESI-MS spectrum of compound **1**

Figure S2 ^1H -NMR spectrum (500 MHz in CD_3OD) of compound **1**

Figure S3 ^{13}C -NMR spectrum (125 MHz in CD_3OD) of compound **1**

Figure S4 HMQC spectrum of compound **1**

Figure S5 HMBC spectrum of compound **1**

Figure S6 HR-ESI-MS spectrum of compound **2**

Figure S7 ^1H -NMR spectrum (500 MHz in CD_3OD) of compound **2**

Figure S8 ^{13}C -NMR spectrum (125 MHz in CD_3OD) of compound **2**

Figure S9 HMQC spectrum of compound **2**

Figure S10 HMBC spectrum of compound **2**

Figure S11 2D-NMR correlations

d-5-NEG-d-01#1 RT: 0.01 AV: 1 NL: 3.33E6
T: FTMS - p ESI SIM ms [1143.40-1143.70]

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Figure S6 HR-ESI-MS spectrum of compound **2**

Figure S7 ^1H -NMR spectrum (500 MHz in CD_3OD) of compound **2**

Figure S8 ^{13}C -NMR spectrum (125 MHz in CD_3OD) of compound **2**

Figure S9 HMQC spectrum of compound 2

Figure S10 HMBC spectrum of compound 2

Figure S11 2D-NMR correlations