Supporting Information for

Three new oleanane-type triterpenoidal glycosides from *Impatiens balsamina* and their biological activity

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Figure S1. The HRFABMS spectrum of 1

150303_VKEC37_H_001-c1#11-144_RT: 0.17-2.38_AV: 134_NL: 5.85E4 T: + c FAB Full ms [709.50-870.50]



Figure S2. The ¹H NMR spectrum of **1** in methanol- d_4





Figure S3. The 13 C NMR spectrum of **1** in methanol- d_4

Figure S4. The COSY spectrum of **1** in methanol-*d*₄



Figure S5. The HSQC spectrum of **1** in methanol-*d*₄



Figure S6. The HMBC spectrum of **1** in methanol-*d*₄



Figure S7. The NOESY spectrum of 1 in methanol-d4



Figure S8. The DEPT90 (top) and 135 (bottom) spectra of 1 in methanol-d4



Figure S9. The HRFABMS spectrum of 2



Figure S10. The ¹H NMR spectrum of **2** in methanol- d_4

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# **Figure S11.** The ¹³C NMR spectrum of **2** in methanol- $d_4$



**Figure S12.** The COSY spectrum of **2** in methanol-*d*₄



**Figure S13.** The HSQC spectrum of **2** in methanol-*d*₄











#### Figure S16. The HRFABMS spectrum of 3

150303_VKEC30_H_002-c2 #237-239_RT: 4.11-4.15_AV: 3_SB: 30_0.04-0.54_NL: 2.15E3 T: + c FAB Full ms [ 889.50-1080.50]



**Figure S17.** The ¹H NMR spectrum of **3** in methanol- $d_4$ 







Figure S19. The COSY spectrum of 3 in methanol-d4



**Figure S20.** The HSQC spectrum of **3** in methanol-*d*₄



Figure S21. The HMBC spectrum of 3 in methanol-d4





