Supporting Information

Five new 3,4-seco-lanostane type triterpenoids with antiproliferative activity in human leukemia cells isolated from the roots of *Kadsura coccinea*
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List of Supporting Information

Figs. S1-S8 Spectra of compound 1 (p. 3-6).

Figs. S9-S15 Spectra of compound 2 (p. 7-10).

Figs. S16-S19 Spectra of compound 3 (p. 10-12).


**Fig. S1** HRFABMS spectrum of compound 1.

**Fig. S2** IR spectrum of compound 1.
Fig. S3 $^1$H NMR (pyridine-$d_5$, 500 MHz) spectrum of compound 1.

Fig. S4 $^{13}$C NMR (pyridine-$d_5$, 125 MHz) spectrum of compound 1.
Fig. S5 DEPT spectrum of compound 1.

Fig. S6 DQF-COSY spectrum of compound 1.
Fig. S7 CHSHF spectrum of compound 1.

Fig. S8 HMBC spectrum of compound 1.
Fig. S9 HRFABMS spectrum of compound 2.

Fig. S10 $^1$H NMR (pyridine-$d_5$, 500 MHz) spectrum of compound 2.
**Fig. S11** $^{13}$C NMR (pyridine-$d_5$, 125 MHz) spectrum of compound 2.

**Fig. S12** DEPT spectrum of compound 2.
Fig. S13 DQF-COSY spectrum of compound 2.

Fig. S14 HMQC spectrum of compound 2.
**Fig. S15** HMBC spectrum of compound 2.

**Fig. S16** ESIMS spectrum of compound 3.
Fig. S17 IR spectrum of compound 3.

Fig. S18 $^1$H NMR (pyridine-$d_5$, 600 MHz) spectrum of compound 3.
**Fig. S19** $^{13}$C NMR (pyridine-$d_5$, 150 MHz) spectrum of compound 3.

**Fig. S20** HRFABMS spectrum of compound 4.
**Fig. S21** IR spectrum of compound 4.

**Fig. S22** $^1$H NMR (pyridine-$d_5$, 500 MHz) spectrum of compound 4.
**Fig. S23** $^{13}$C NMR (pyridine-$d_5$, 125 MHz) spectrum of compound 4.

**Fig. S24** DEPT spectrum of compound 4.
Fig. S25 DQF-COSY spectrum of compound 4.

Fig. S26 CHSHF spectrum of compound 4.
Fig. S27 HMBC spectrum of compound 4.
**Fig. S28** HRESIMS spectrum of compound 5.
Fig. S29 $^1$H NMR (CDCl$_3$, 600 MHz) spectrum of compound 5.

Fig. S30 $^{13}$C NMR (CDCl$_3$, 150 MHz) spectrum of compound 5.
Fig. S31 HSQC spectrum of compound 5.

Fig. S32 HMBC spectrum of compound 5.