

Supplementary Material

Cell Growth Inhibition of Saponin XII from *Dipsacus japonicus* Miq. on Acute Myeloid Leukemia Cells

Ba Thi Cham^{1,2}, Nguyen Thi Thuy Linh^{1,2}, Do Thi Thao^{1,3}, Nguyen Thi Hoang Anh^{1,2}, Nguyen Thanh Tam^{1,2}, Bui Kim Anh², Isabella Muscari⁴, Sabrina Adorisio⁵, Tran Van Sung², Trinh Thi Thuy^{1,2,*} and Domenico V. Delfino^{5,6,*}

¹ Department of Chemistry, Graduate University of Science and Technology, Vietnam Academy of Science and Technology (VAST), 18 Hoang Quoc Viet, Nghia Do, Cau Giay, 100000 Hanoi, Vietnam; BaThiCham@ich.vn (B.T.C.); NguyenThiThuyLinh@ich.vn (N.T.T.L.); DoThiThao@ich.vn (D.T.T.); NguyenThiHoangAnh@ich.vn (N.T.H.A.); NguyenThanhTam@ich.vn (N.T.T.)

² Department of Natural Products Research, Institute of Chemistry, VAST, 18 Hoang Quoc Viet, Nghia Do, Cau Giay, 100000 Hanoi, Vietnam; BuiKimAnh2@ich.vn

³ Institute of Biotechnology, VAST, 18 Hoang Quoc Viet, Nghia Do, Cau Giay, 100000 Hanoi, Vietnam

⁴ Section of onco-hematology, Department of Medicine, University of Perugia, 06132 Perugia, Italy; isa.muscari2@gmail.com

⁵ Foligno Nursing School, Department of Medicine, University of Perugia, 06132 Perugia, Italy; adorisiosabrina@libero.it

⁶ Section of Pharmacology, Department of Medicine, University of Perugia, Piazzale Severi, S. Andrea delle Fratte, 06132 Perugia, Italy

* Correspondence: thuy@ich.vast.vn (T.T.T.); domenico.delfino@unipg.it (D.V.D.); Tel.: +39-075-585-8328 (D.V.D.)

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Figure S1b: ¹H NMR spectrum (region from 2.9 to 0.6 ppm) of saponin XII

Figure S2: Analytical HPLC chromatogram of isolated saponin XII

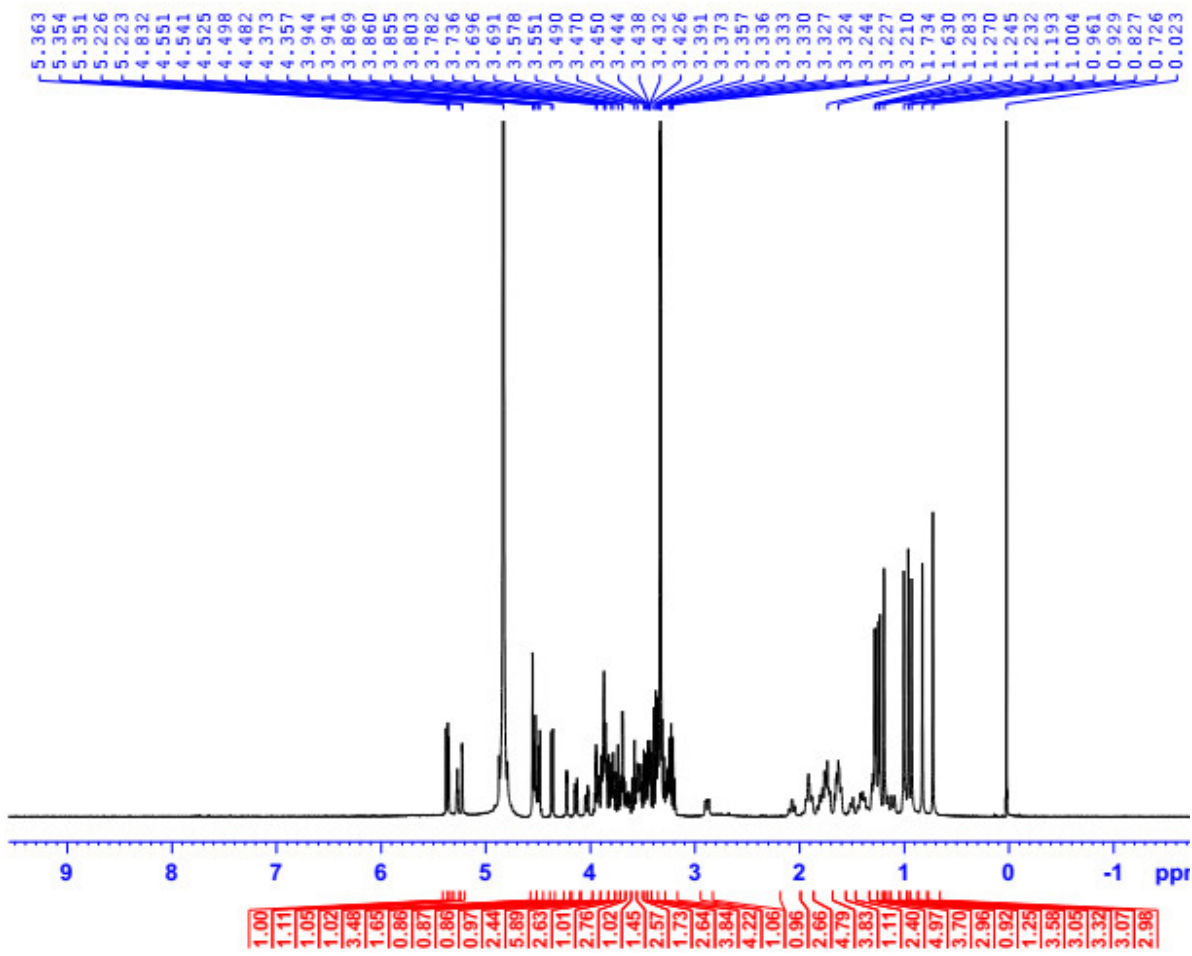


Figure S1. ¹H NMR spectrum of saponin XII (500 MHz, CD₃OD).

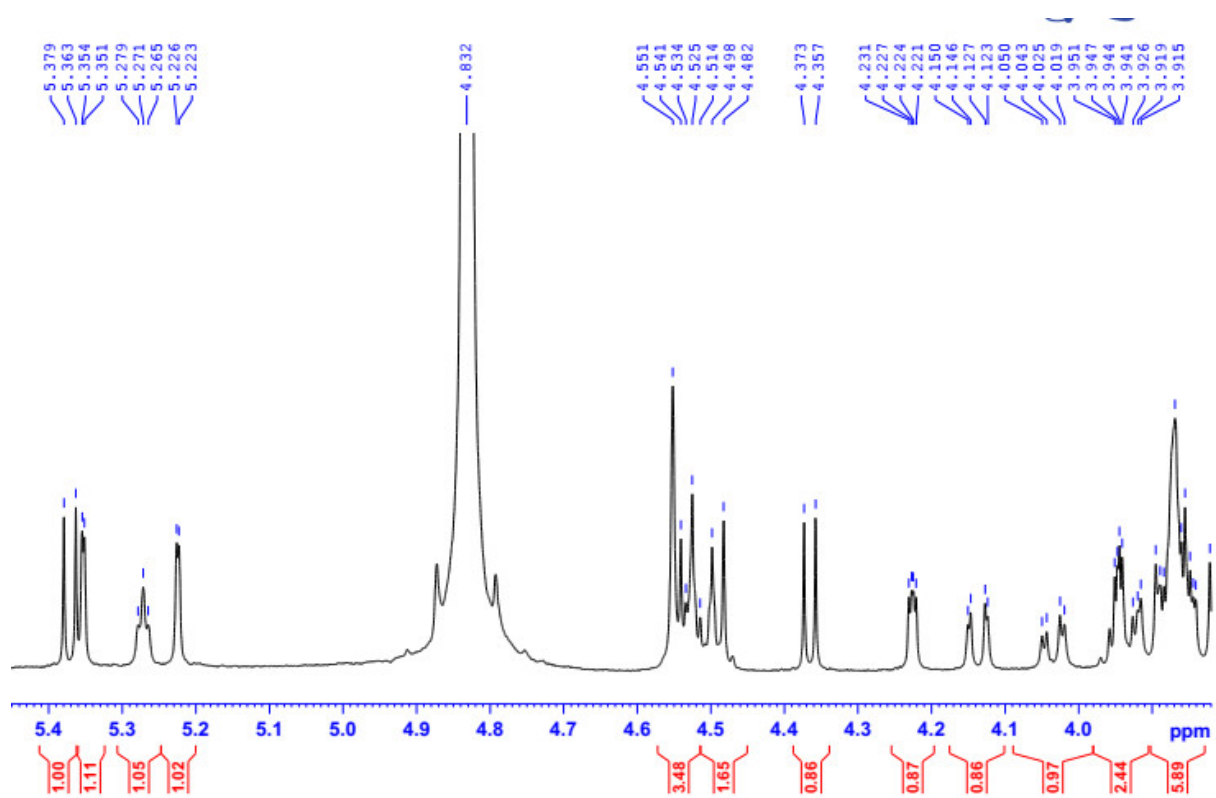


Figure S1a. ¹H NMR spectrum (region from 5.4 to 3.8 ppm) of saponin XII.

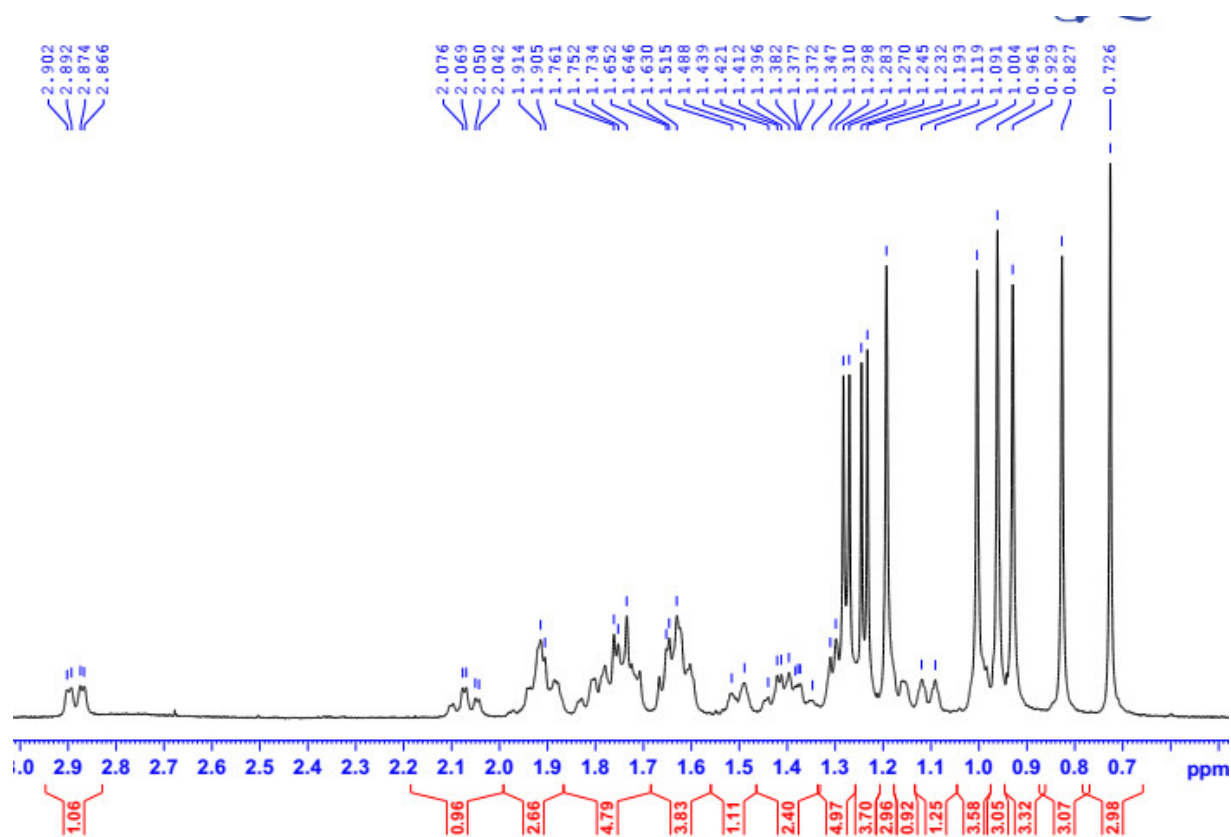
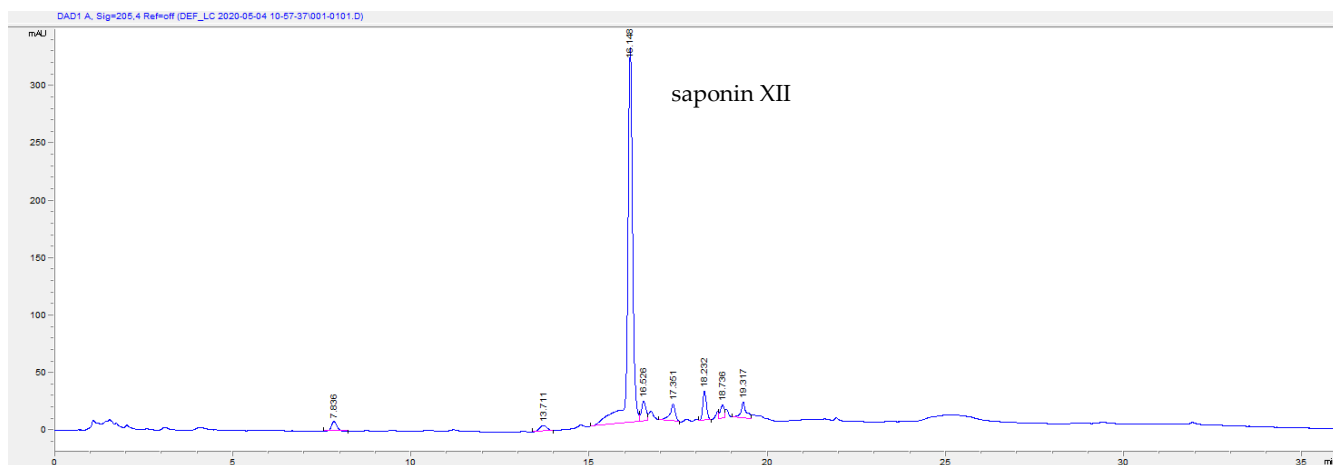
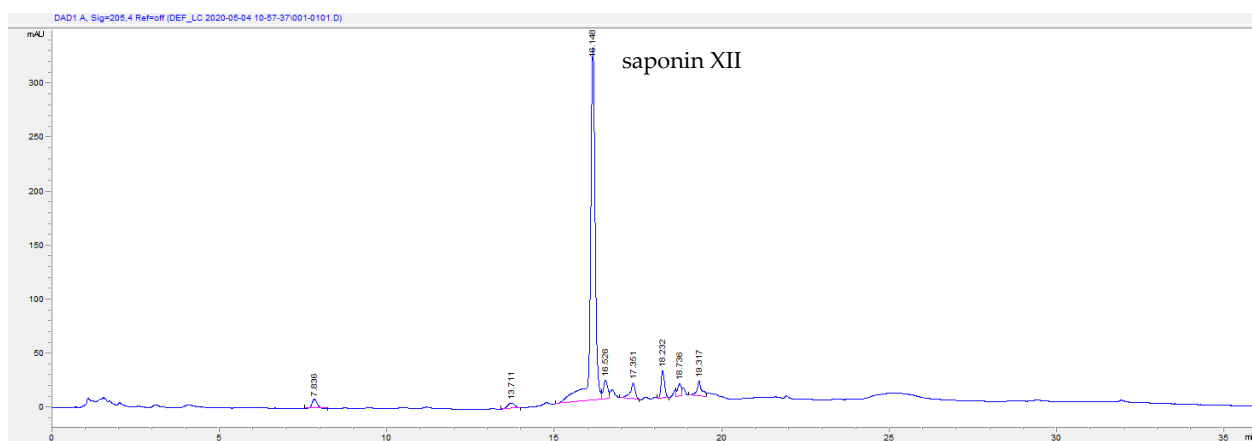


Figure S1b: ¹H NMR spectrum (region from 2.9 to 0.6 ppm) of saponin XII.



Time (min), at wavelength 205 nm



Time (min), at the wavelength 230 nm

Figure S2. Analytical HPLC chromatogram of isolated saponin XII (retention time 16.2 min).

[Column J'sphere C18 column, 150 × 4.6 mm, 5 μm, 1.0 mL/min, isocratic elution (acetonitrile in water, ACN/H₂O 20–90 %), PDA monitoring at 205 and 230 nm]