Supporting Information for

Withanolides from the Rhizomes of Dioscorea japonica and Their Cytotoxicity

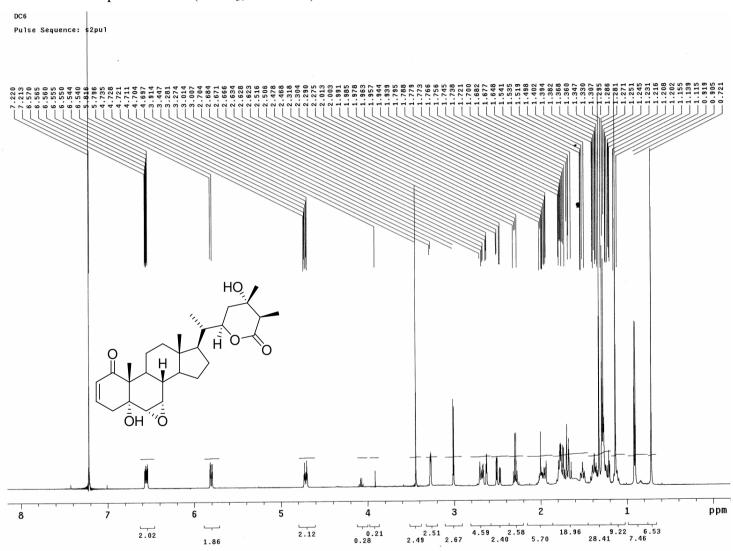
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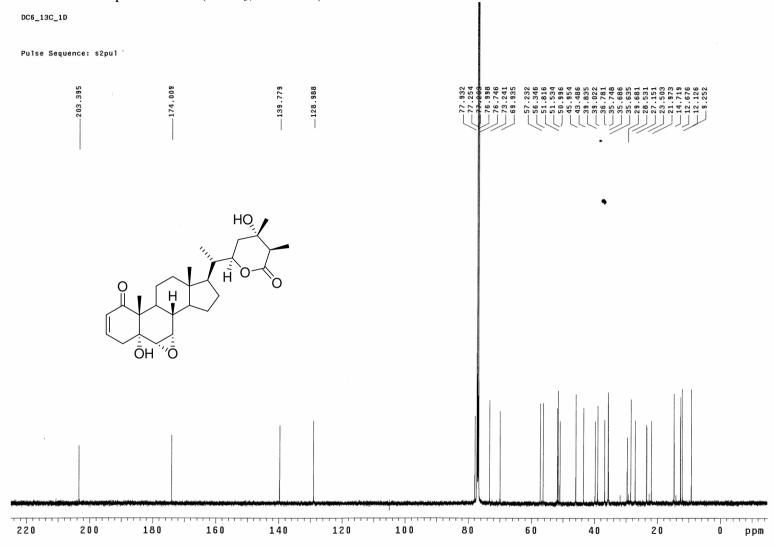
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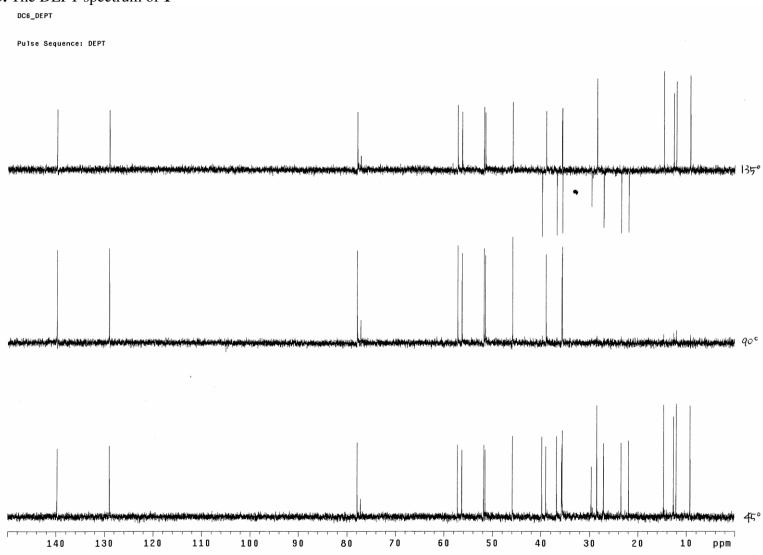
1. The ¹H NMR spectrum of **1** (CDCl₃, 500 MHz)



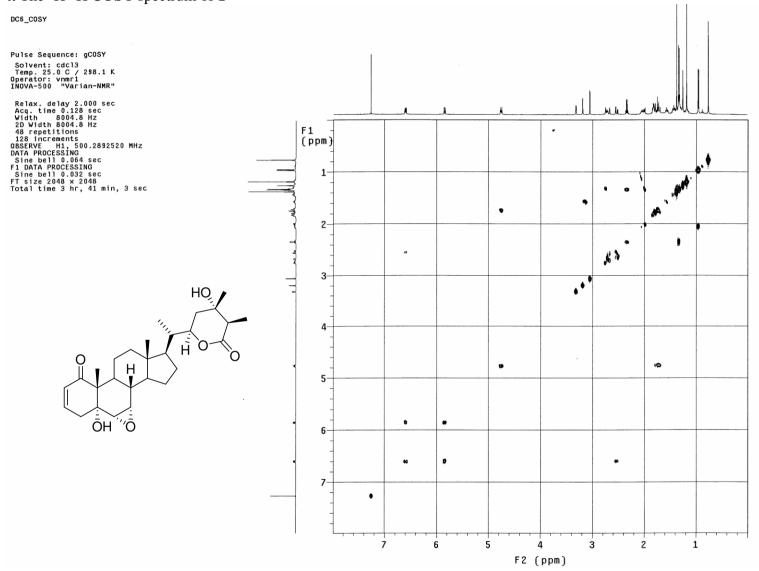
2. The ¹³C NMR spectrum of **1** (CDCl₃, 125 MHz)



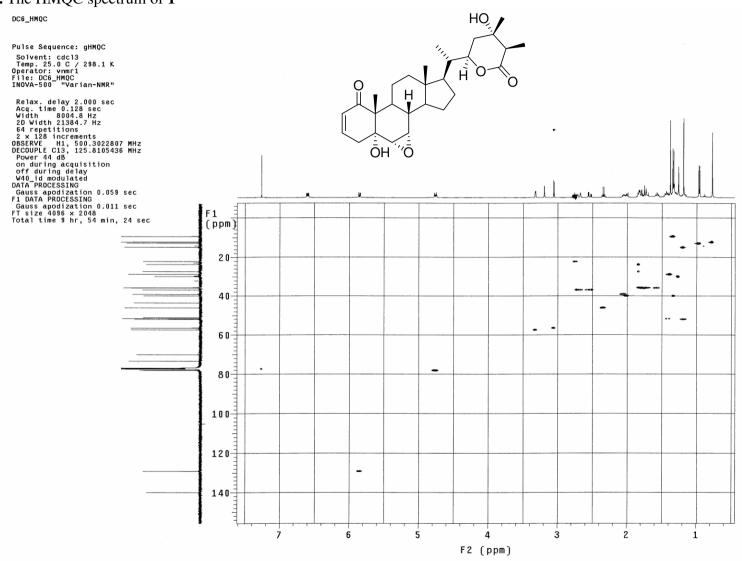
3. The DEPT spectrum of **1**



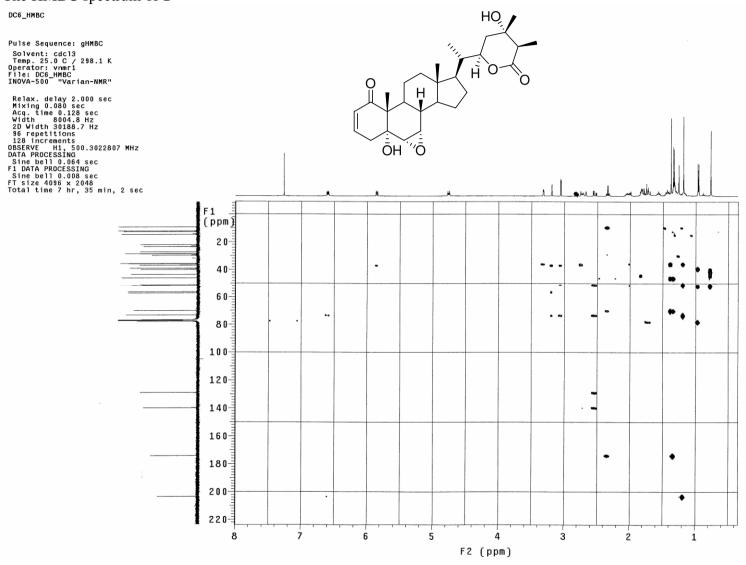
4. The ¹H-¹H COSY spectrum of **1**



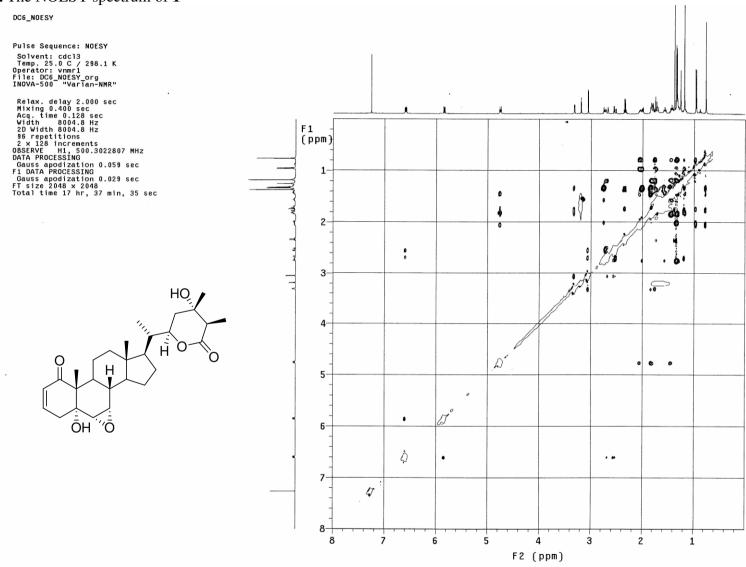
5. The HMQC spectrum of **1**



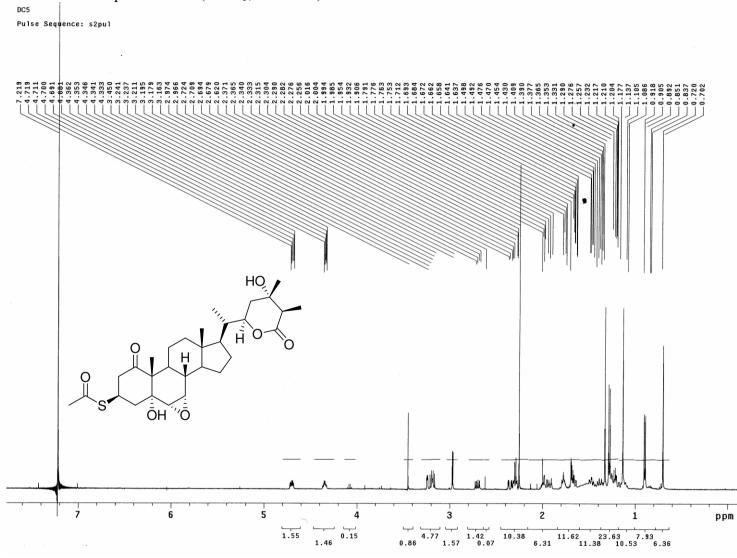
6. The HMBC spectrum of **1**

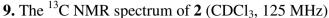


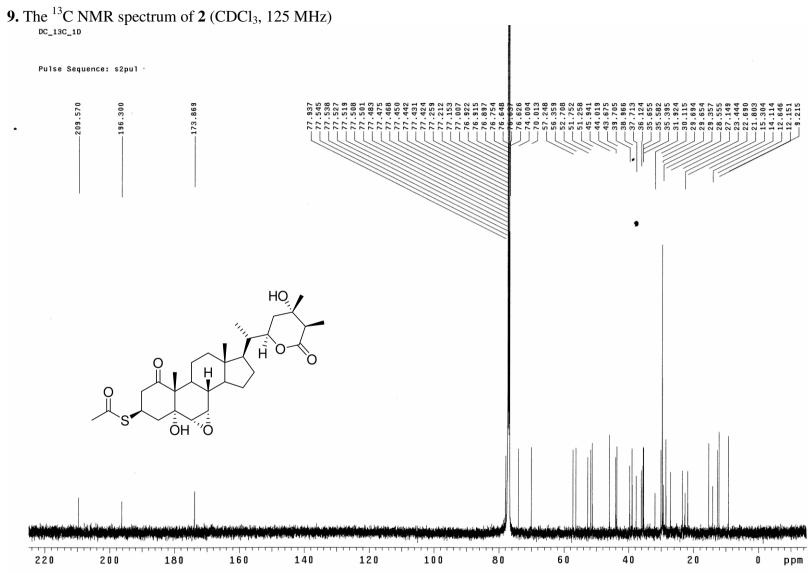
7. The NOESY spectrum of **1**



8. The ¹H NMR spectrum of **2** (CDCl₃, 500 MHz)







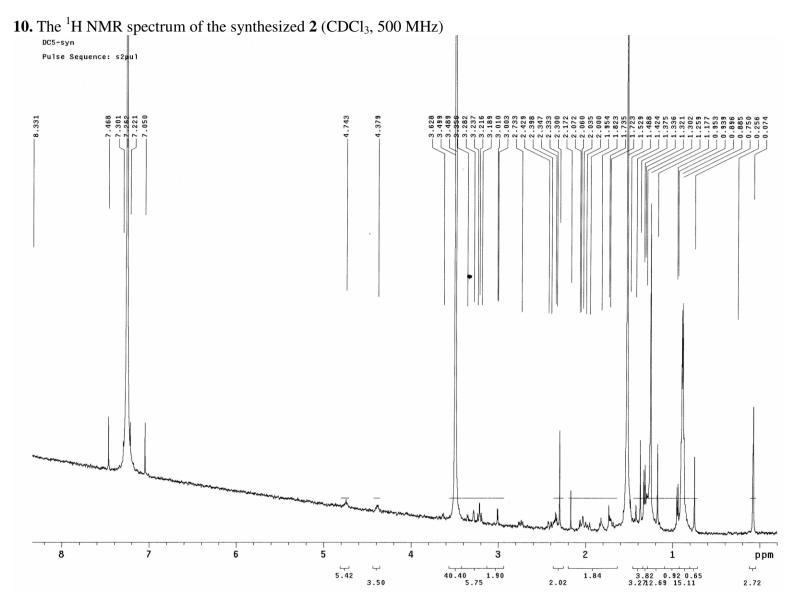


Table S1. Effects of compounds 1-2 on NGF secretion in C6 cells and cell viability^a

Compound	NGF Secretion	Cell Viability
1	102.3±4.6	103.1±5.0
2	101.1±1.3	104.8±3.9

^a C6 cells were treated with 20 μ M of compounds **1-2**. After 24 h, the content of NGF secretion in C6-conditioned media was measured by ELISA, and the cell viability was determined by MTT assay. The level of secreted NGF and viable cells expressed as percentage of untreated control. The data shown represent the means ± SD of three independent experiments performed in triplicate.