Supplementary data

Cytotoxic phenolic constituents from the leaves of *Ehretia asperula*

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Compound **1**: 4-hydroxy-3-[4-(2-hydroxyethyl)-phenoxy]-benzaldehyde

HR-ESI-MS: *m/z* 259.0975 $[M+H]^+$ (calcld. 259.0970 for $C_{15}H_{15}O_4$). ^{1}H-NMR (500 MHz, CD_3OD): δ_H 9.71 (1H, s, H-7), 7.34 (1H, dd, *J* = 8.0, 2.0 Hz, H-6), 7.32 (1H, d, *J* = 2.0 Hz, H-2), 7.15 (2H, d, *J* = 8.0 Hz, H-3′, 5′), 7.04 (1H, d, *J* = 8.0 Hz, H-5), 6.84 (2H, d, *J* = 8.0 Hz, H-2′, 6′), 3.71 (2H, t, *J* = 7.0 Hz, H-8′), 2.73 (2H, t, *J* = 7.0 Hz, H-7′). ^{13}C-NMR (125 MHz. CD_3OD): δ_C 131.1 (C, C-1), 118.3 (CH, C-2), 147.2 (C, C-3), 151.8 (C, C-4), 116.1 (CH, C-5), 128.8 (CH, C-6), 158.5 (C, C-1′), 119.5 (CH, C-2′, 6′), 131.0 (CH, C-3′, 5′), 133.7 (C, C-4′), 193.1 (CH, C-7), 39.4 (CH_2, C-7′), 64.0 (CH_2, C-8′).

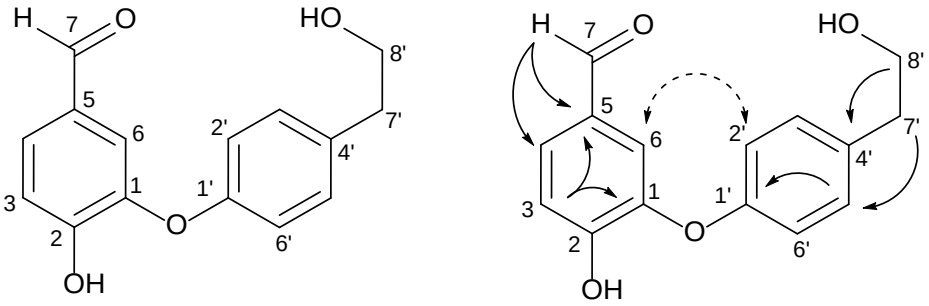


Figure S1. Structure of the compound 1 and key HMBC (→) and NOESY (<--->) correlations of compound **1**

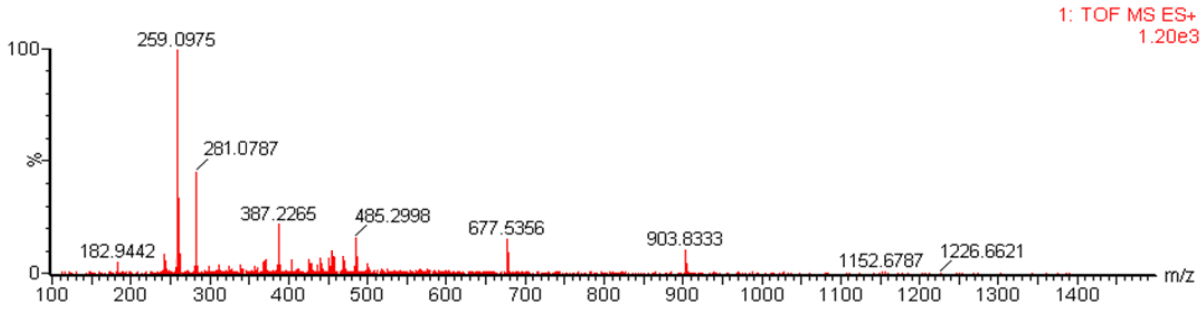


Figure S2. HR-ESI-MS spectrum of compound **1**

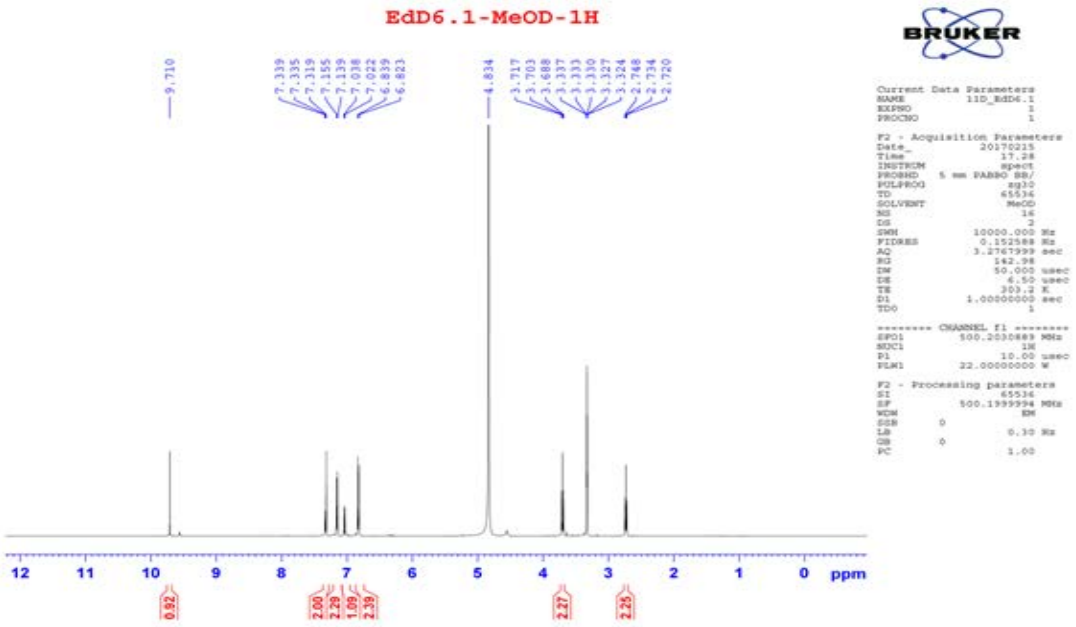


Figure S3. [1]H-NMR spectrum of compound **1**

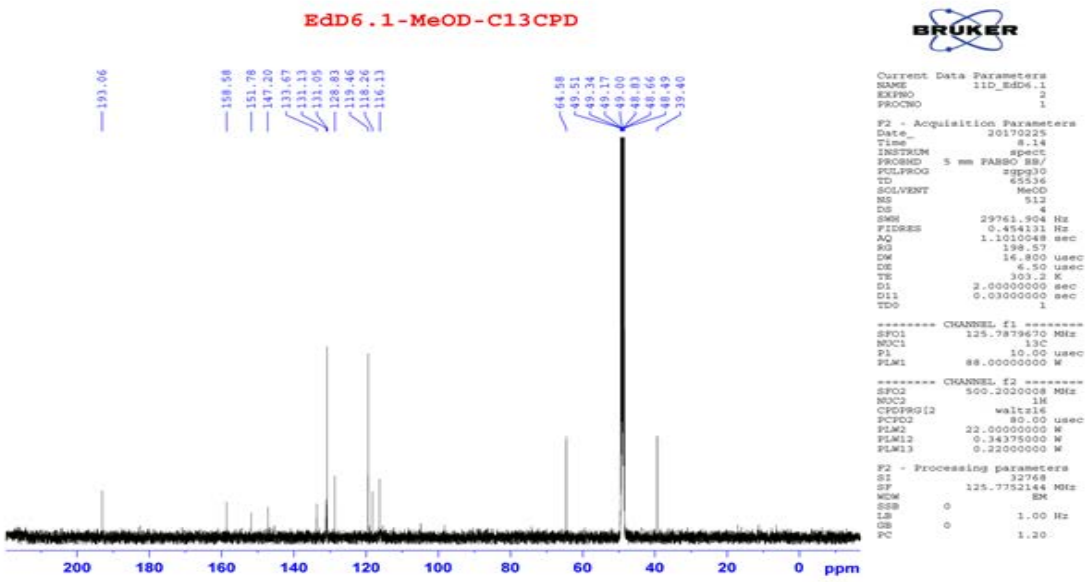


Figure S4. [13]C-NMR spectrum of compound **1**

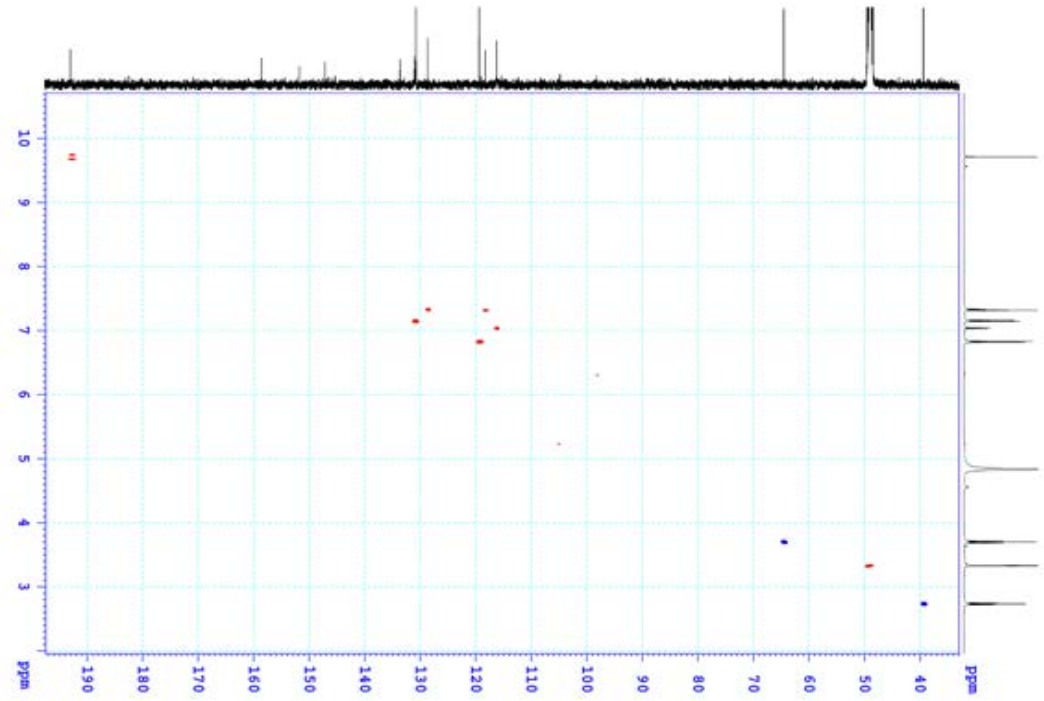


Figure S5. HSQC spectrum of compound **1**

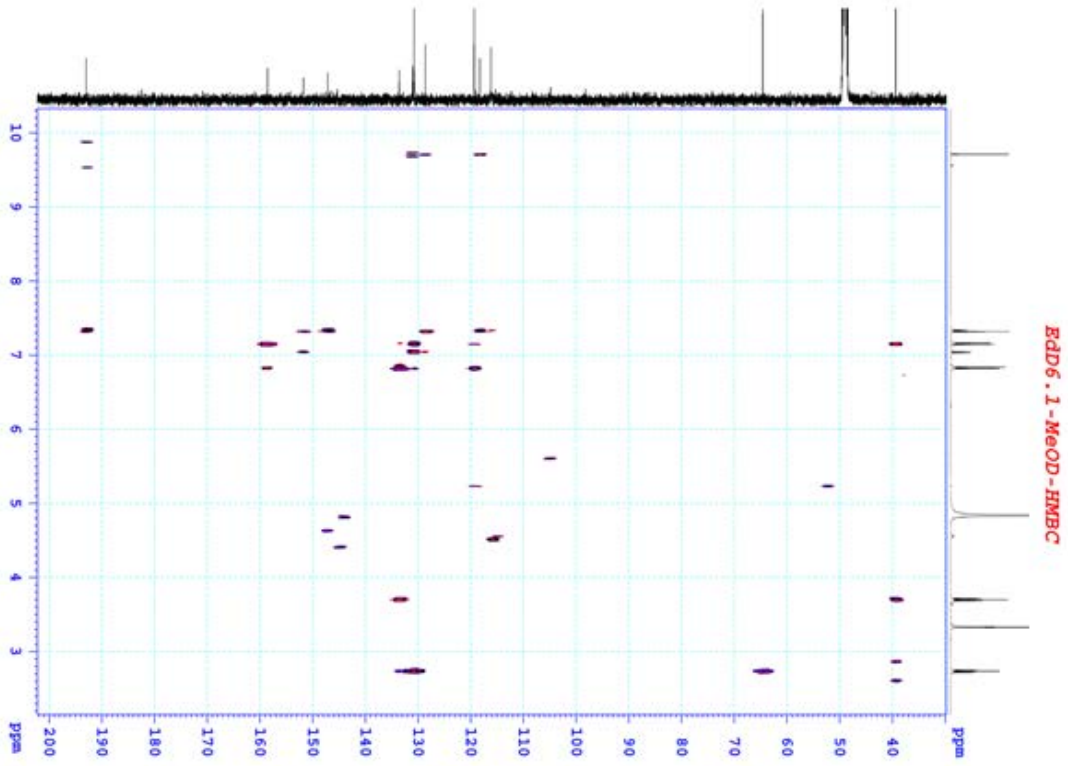


Figure S6. HMBC spectrum of compound **1**

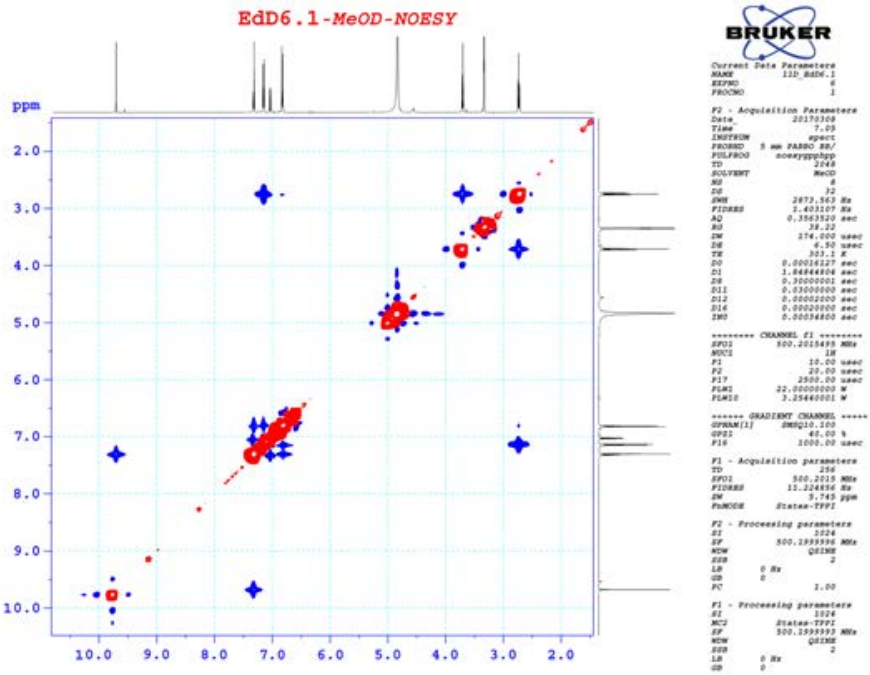
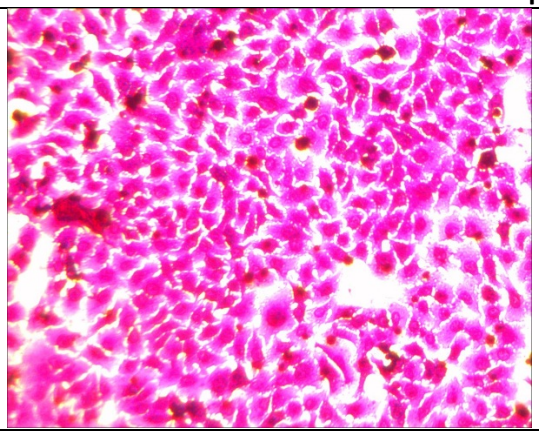
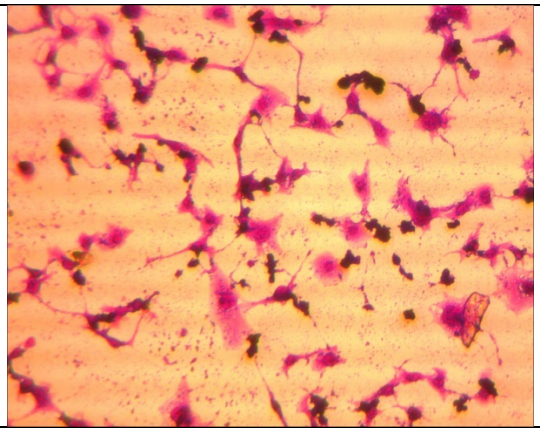
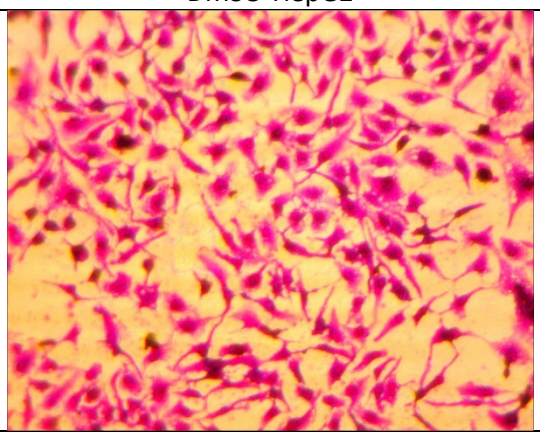
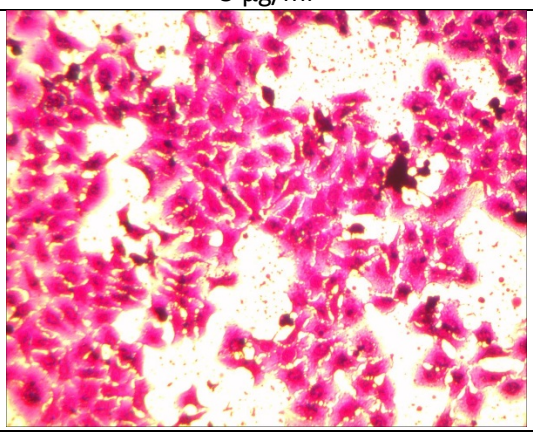
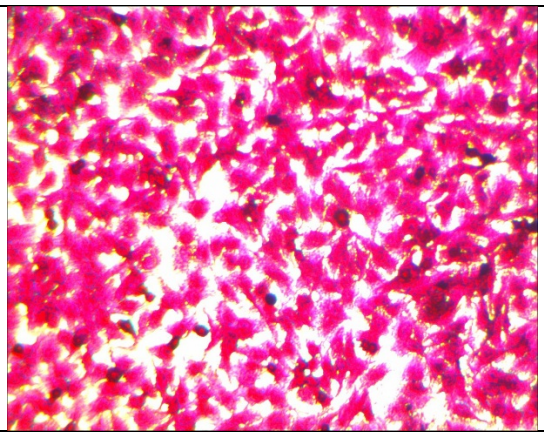
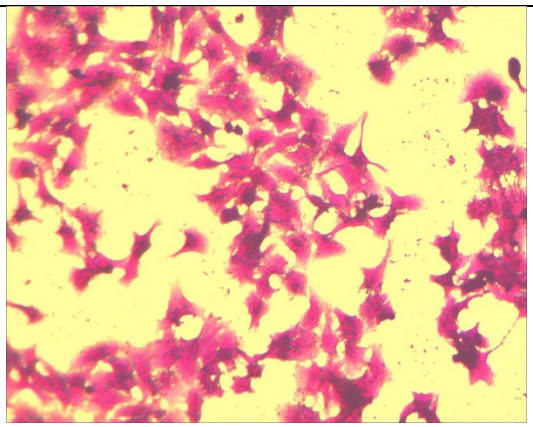
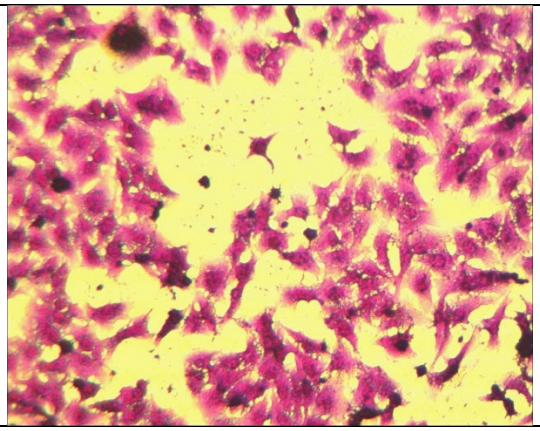
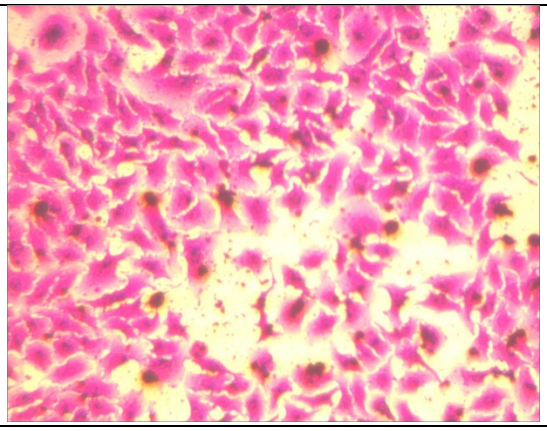
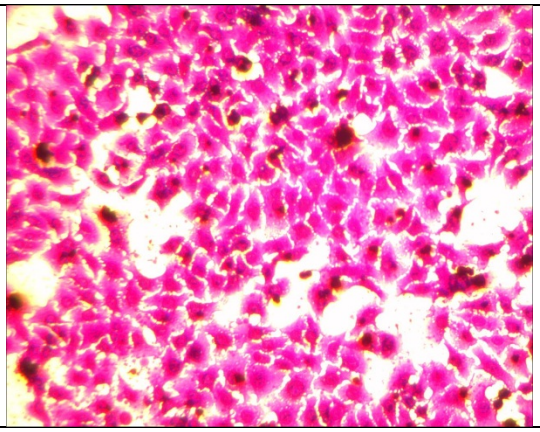
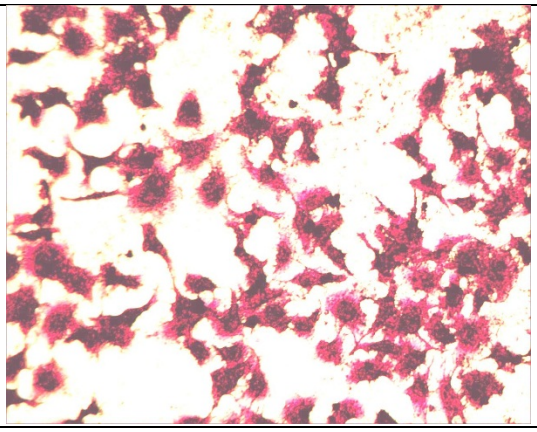
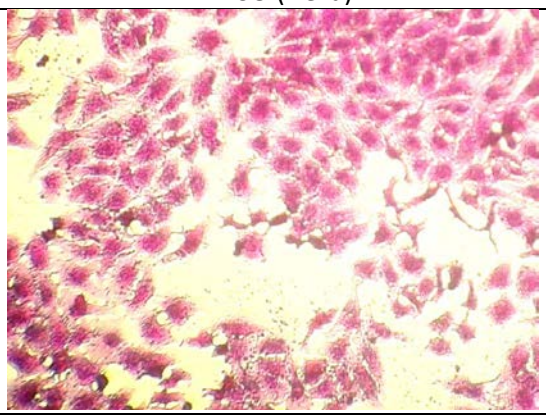
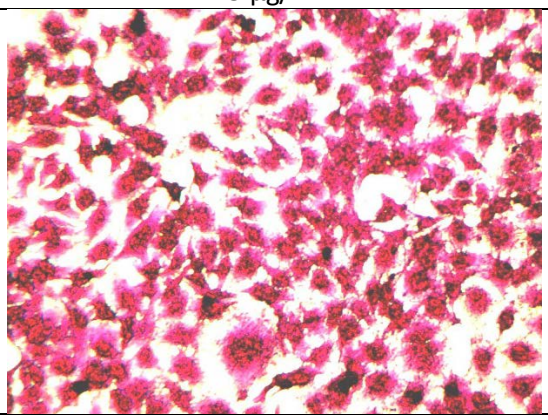
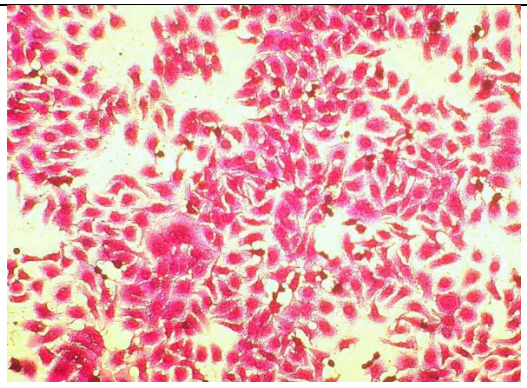
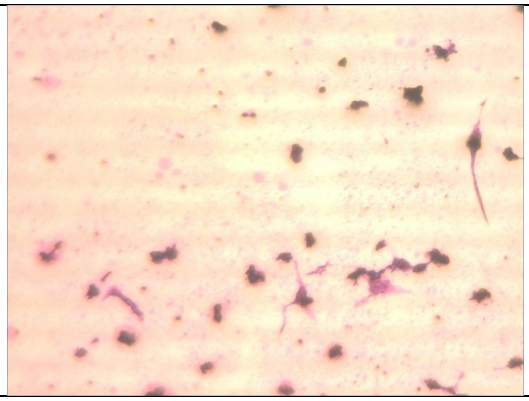
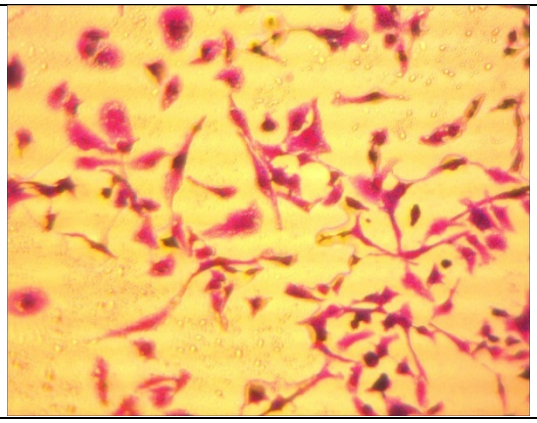
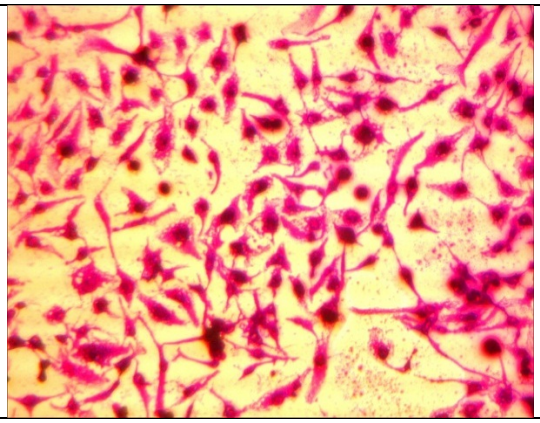
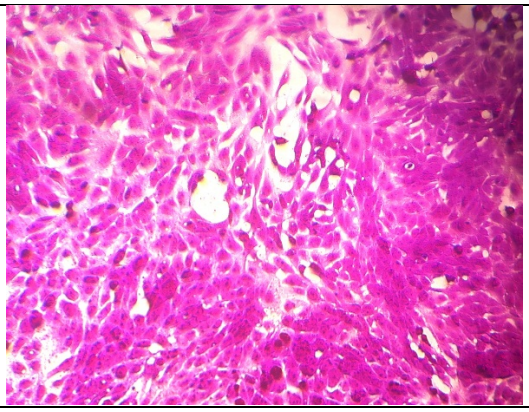
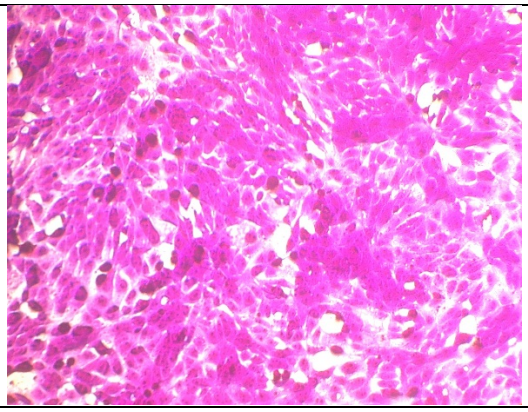


Figure S7. NOESY spectrum of compound **1**

Figure S8. Microscopic images of cancer cells treated by compound **1**:

Hep G2 cells	
	
DMSO-HepG2	5 µg/ml
	
2.5 µg/ml	1.25 µg/ml
LU-1 cells	
	
DMSO (LU-1)	5 µg/ml

	
2.5 µg/ml	1.25 µg/ml
HeLa cells	
	
DMSO (HeLa)	5 µg/ml
	
2.5 µg/ml	1.25 µg/ml
RD cells	
	
DMSO (RD)	5 µg/ml

	
2.5 µg/ml	1.25 µg/ml
Vero cells	
	
DMSO (Vero)	5 µg/ml