

Supporting Information

Resistomycin Suppresses Prostate Cancer Cell Growth by Instigating Oxidative Stress, Mitochondrial Apoptosis, and Cell Cycle Arrest

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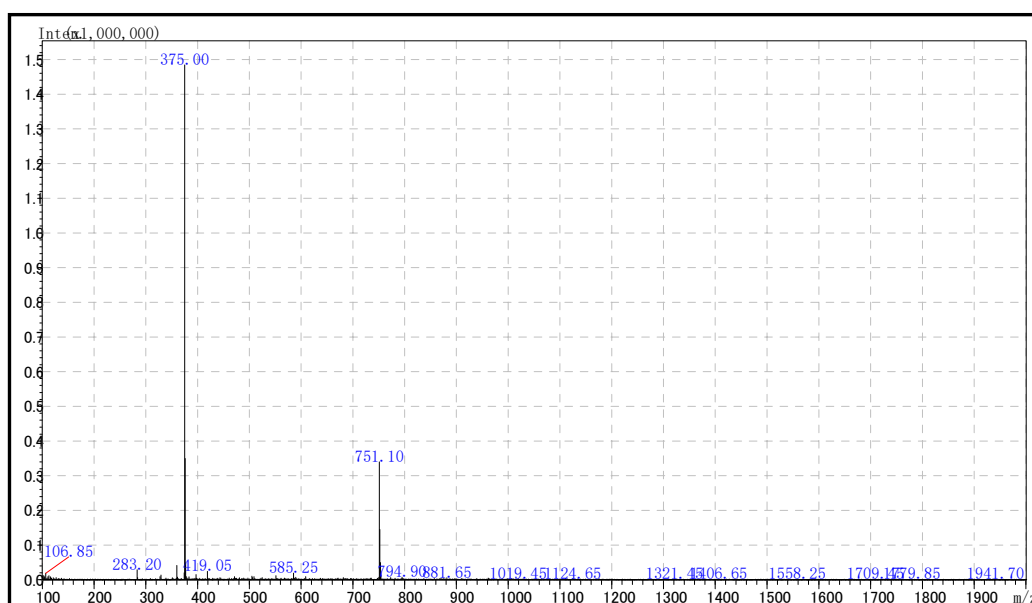


Figure S1: (-)-ESI-MS of resistomycin

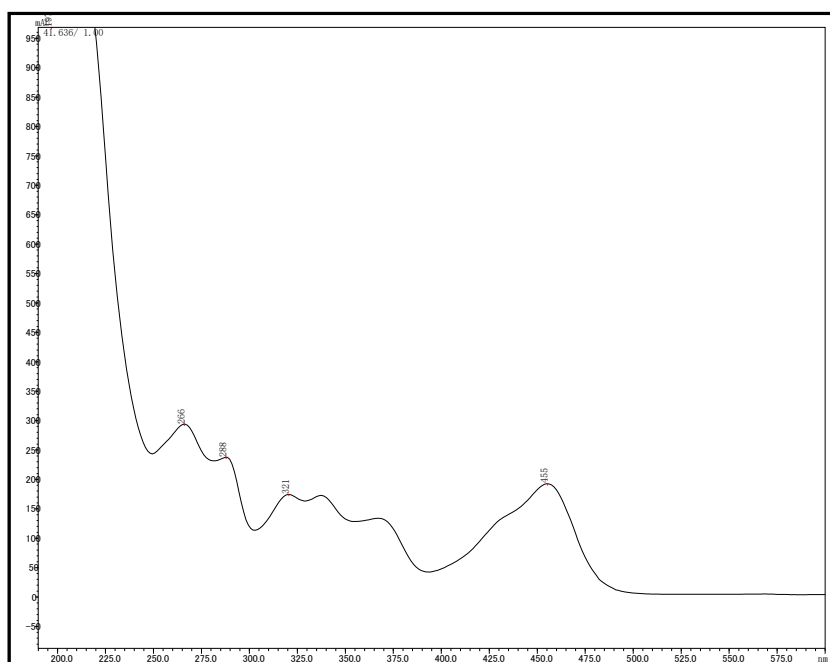


Figure S2: UV spectra of resistomycin in MeOH

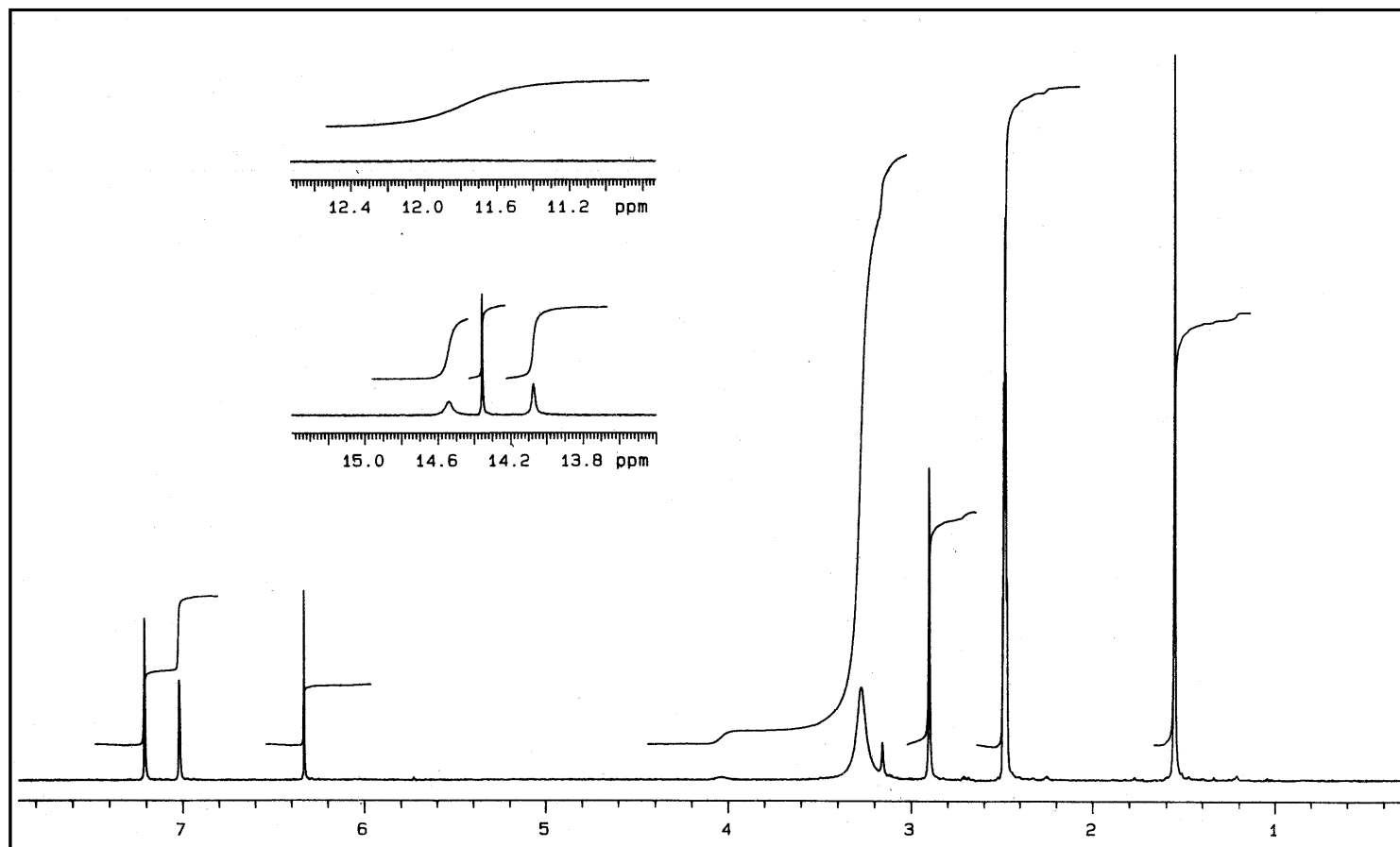


Figure S3: ^1H NMR spectrum (DMSO-d_6 , 600 MHz) of resistomycin



Figure S4: ^{13}C NMR spectrum (DMSO- d_6 , 150 MHz) of resistomycin

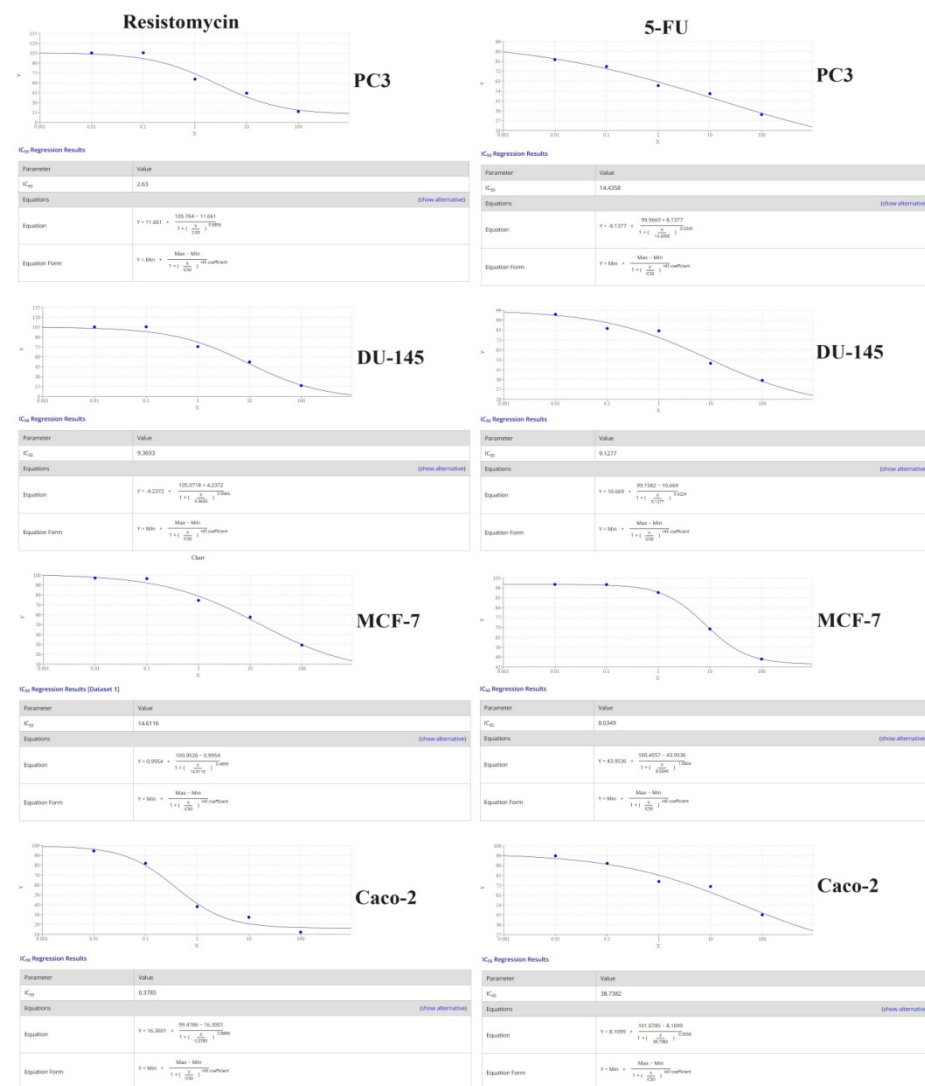


Figure S5: Effects of different concentrations of resistomycin or 5-FU treatment (24 h) on PC3, DU-145, MCF-7 and Caco-2 cell lines. The graphs and equations generated using Quest Graph™ IC50 Calculator." AAT Bioquest, Inc., 28 Oct. 2023, <https://www.aatbio.com/tools/ic50-calculator>.

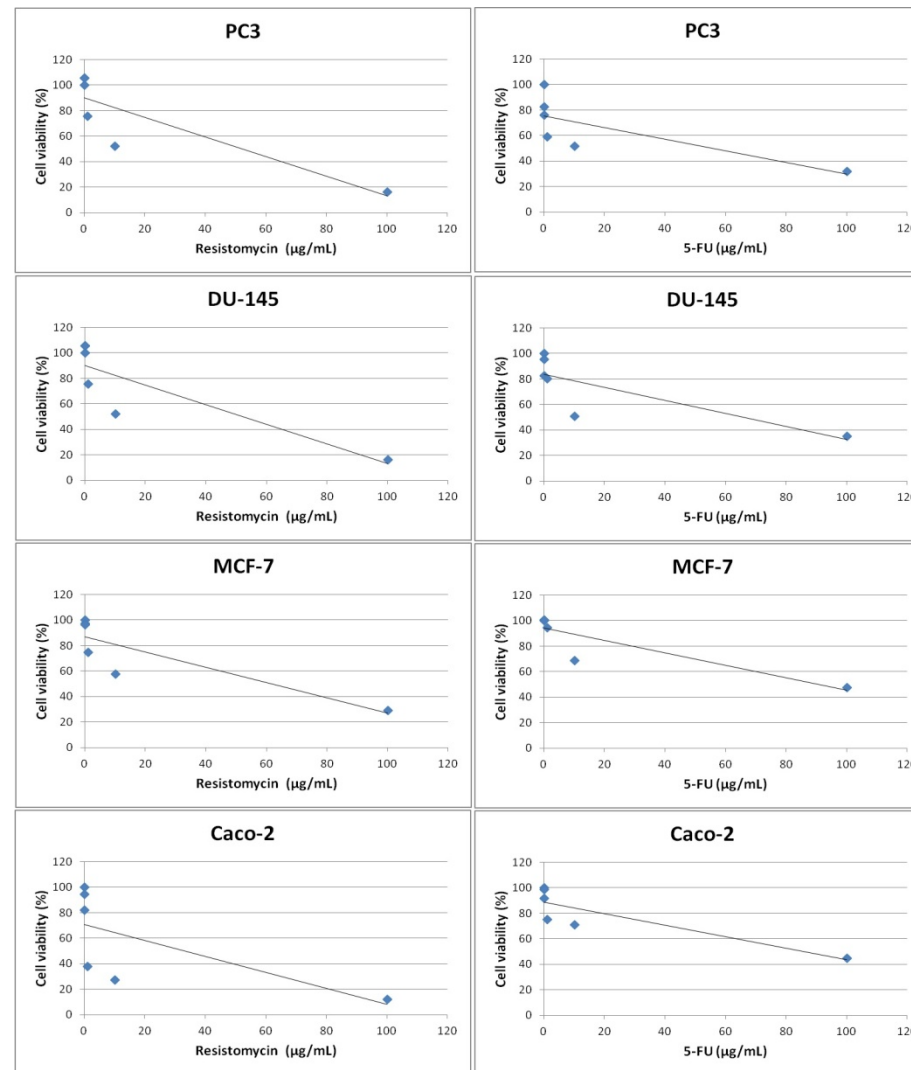


Figure S6: Effects of different concentrations of resistomycin or 5-FU treatment (24 h) on PC3, DU-145, MCF-7 and Caco-2 cell lines. The graphs generated using Microsoft Corporation. (2018). Microsoft Excel. Retrieved from <https://office.microsoft.com/excel>.