Supplementary Material

Bioguided discovery and pharmacophore modeling of the mycotoxic indole diterpene alkaloids penitrems as breast cancer proliferation, migration, and invasion inhibitors

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Fig. S11. RP-HPLC Separation of Compounds 1-5.
Column: Cosmosil 5C18-AR-II (20 x 250 mm)
Mobile Phase: isocratic elution (CH$_3$CN-H$_2$O; 80:20)
UV detection shown: at 296 nm
Injection volume: 2 mL Flow rate: 5 mL min$^{-1}$
Fig. SI2. RP-HPLC Purification of Compounds 6 and 7.
Column: Cosmosil 5C18-AR-II (20 x 250 mm)
Mobile Phase: isocratic elution (CH$_3$CN-H$_2$O; 80:20)
UV detection shown: at 296 nm
Injection volume: 2 mL Flow rate: 5 mL min$^{-1}$
Total amount injected: 25 mg
Figure SI3. $^1$H NMR Spectrum of Compound 8 (Acetone-d$_6$).
Figure S14. PENDANT Spectrum of Compound 8 (Acetone-d$_6$).
Figure S15. $^1$H NMR Spectrum of Compound 9 (Acetone-d$_6$).
Figure SI6. PENDANT Spectrum of Compound 9 (Acetone-d$_6$).
**Fig. SI7.** Mean graph of the effect of 10 µM dose of 1 on the percent growth of the NCI’s 60 cell lines.
Fig. SI8. Mean graph of the effect of 10 μM dose of 2 on the percent growth of the NCI’s 60 cell lines.
Fig. SI9. Mean graph of the effect of 10 µM dose of 4 on the percent growth of the NCI’s 60 cell lines.