

Synthesis and Biological Investigation of Bile Acid-Paclitaxel Hybrids

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Supplementary Figure S1

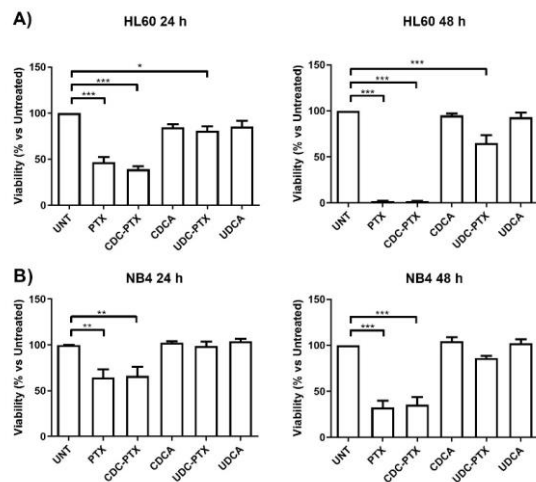


Figure S1. MTT assay for cell viability determination in HL60 (A) or NB4 (B) cells treated for 24 or 48 hours with 2 μ M of each of the following compounds: PTX; CDC-PTX, CDCA, UDC-PTX or UDCA. Data are reported as mean \pm SEM of at least 3 independent experiments. Statistical analysis was performed by ANOVA followed by Bonferroni post-hoc test for pairwise comparisons. *, $p < 0.05$; **, $p < 0.01$; ***, $p < 0.001$.

Supplementary Figure S2

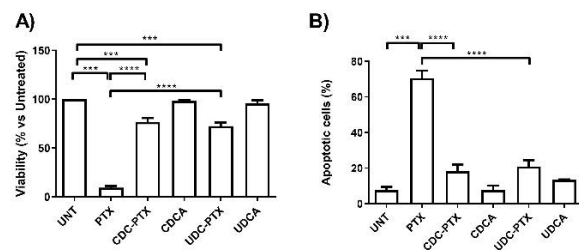
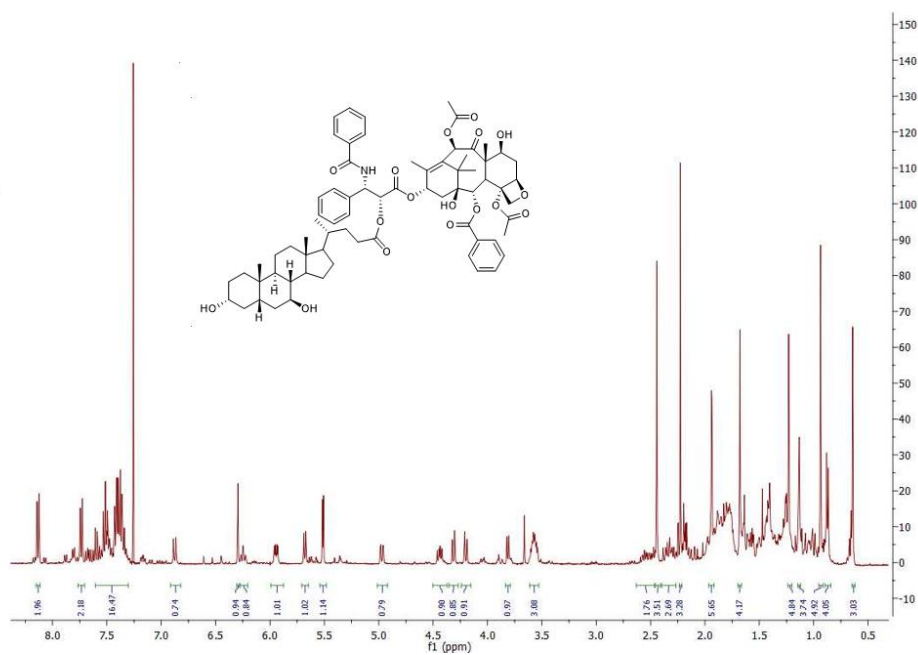
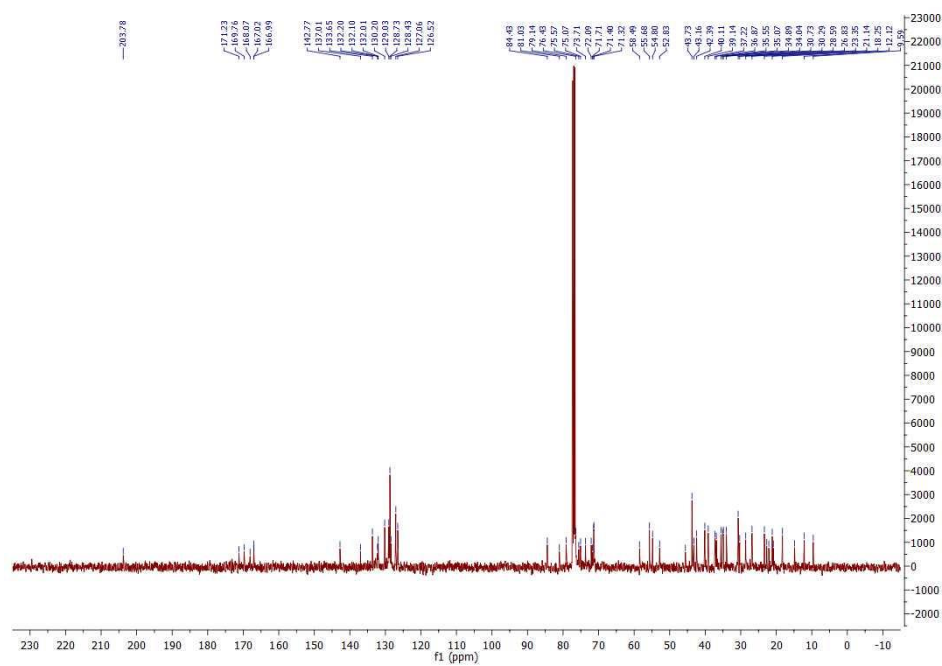


Figure S2. NIH-3T3 viability (A) and apoptosis (B) evaluation after 4 hours of treatment with 5 μ M of each compound (PTX; CDC-PTX, CDCA, UDC-PTX or UDCA) followed by 72 hours of incubation with fresh media. Data are reported as mean \pm SEM of at least 3 independent experiments. Statistical analysis was performed by ANOVA followed by Bonferroni post-hoc test for pairwise comparisons. ***, $p < 0.001$; **** $p < 0.0001$.

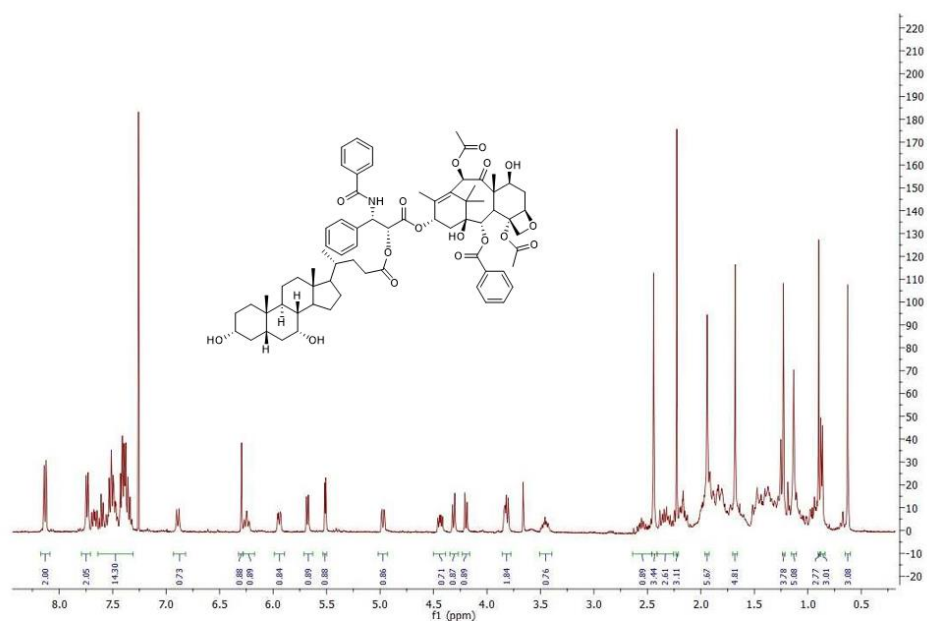
¹H-NMR of compound UDC-PTX



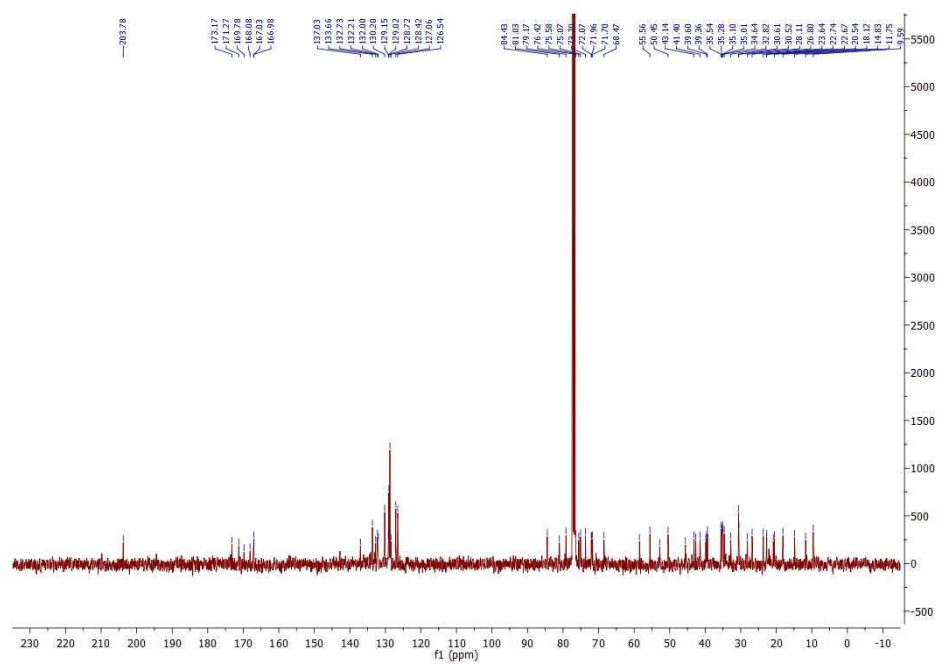
¹³C-NMR of compound UDC-PTX



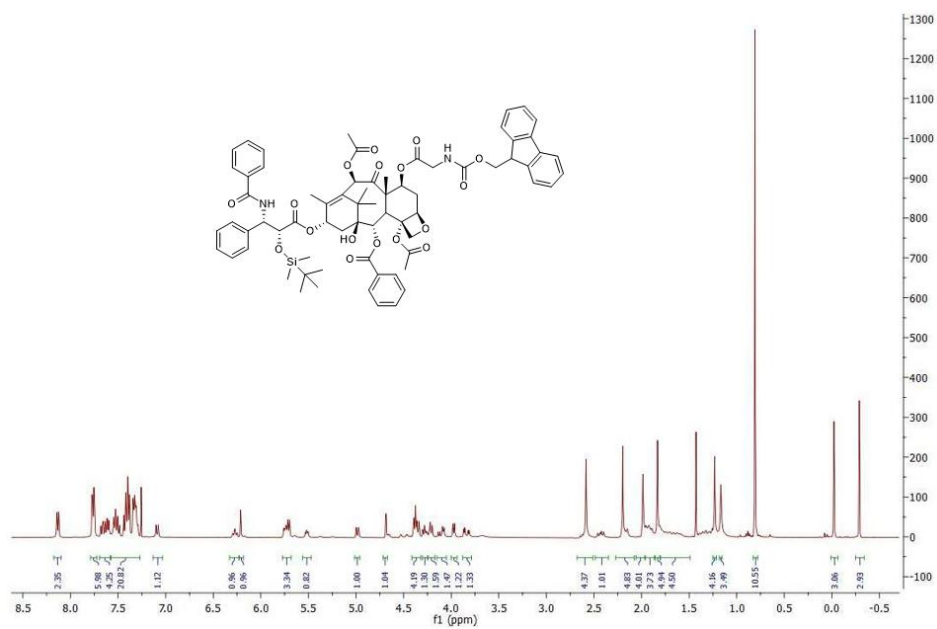
¹H-NMR of compound CDC-PTX



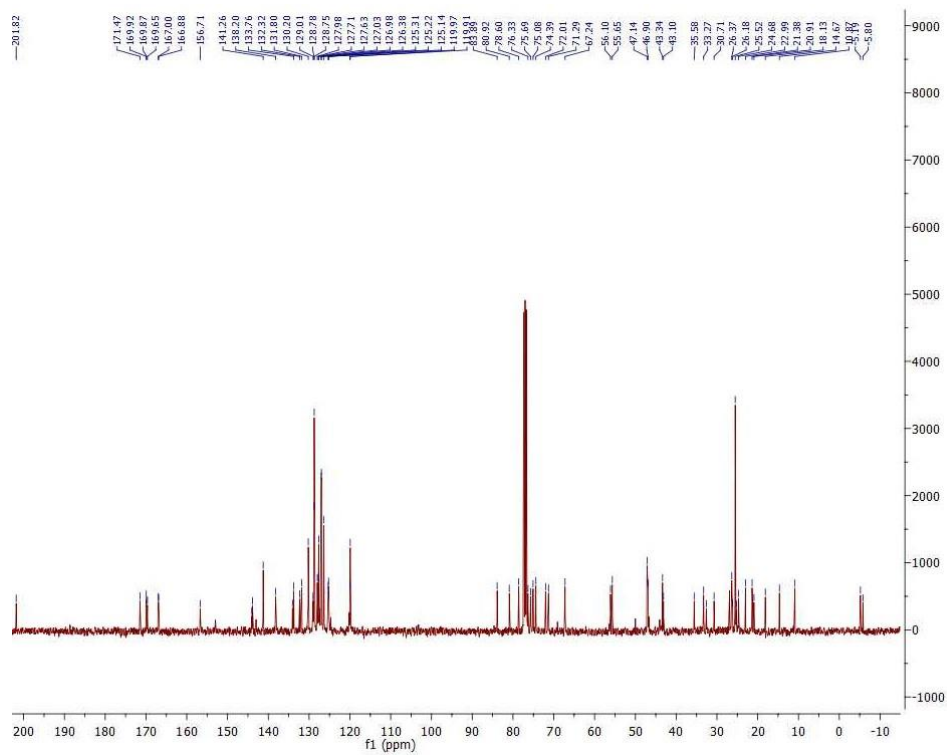
^{13}C -NMR of compound CDC-PTX



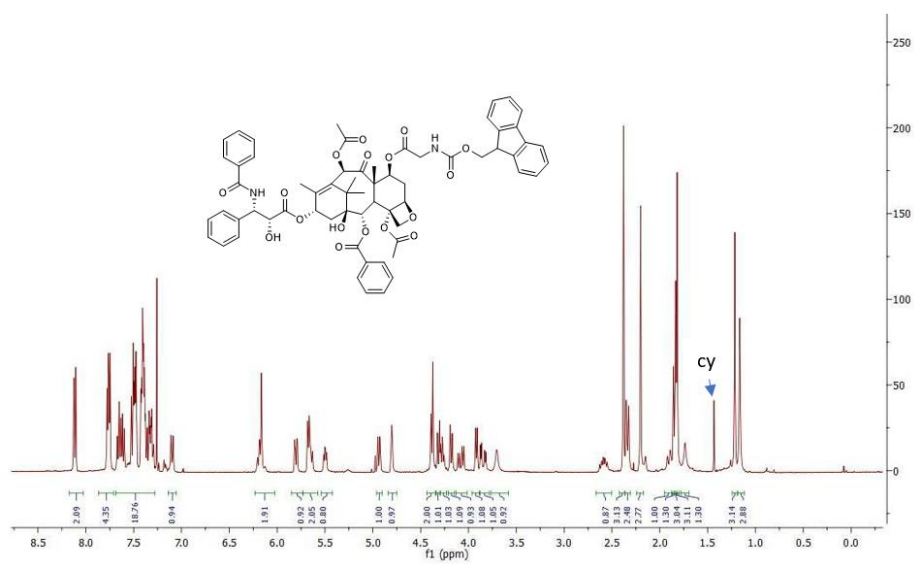
¹H-NMR of compound 1



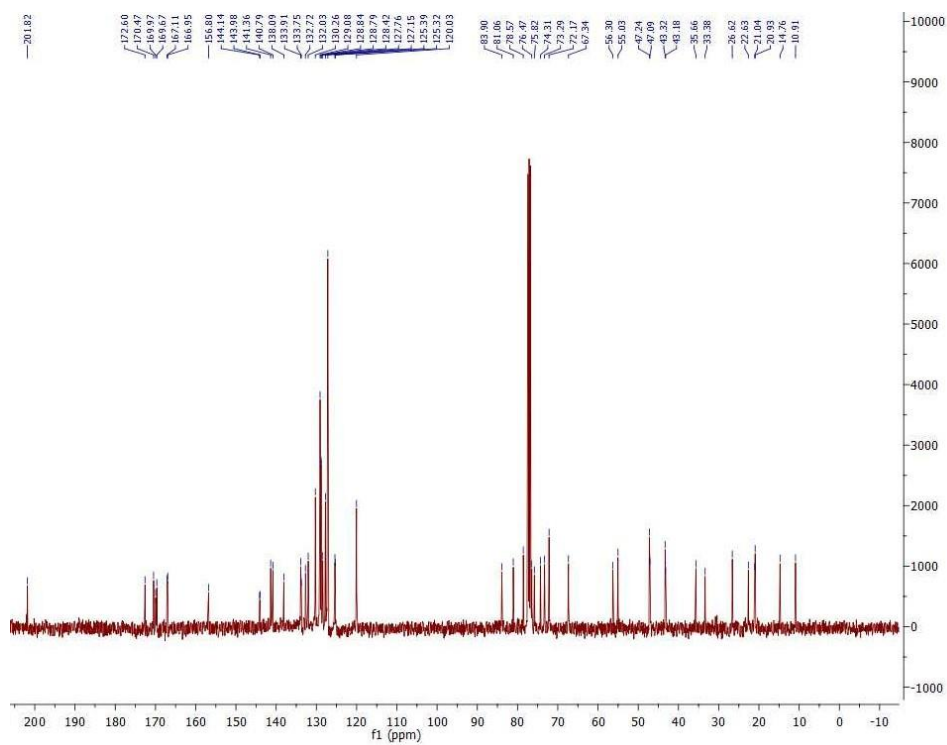
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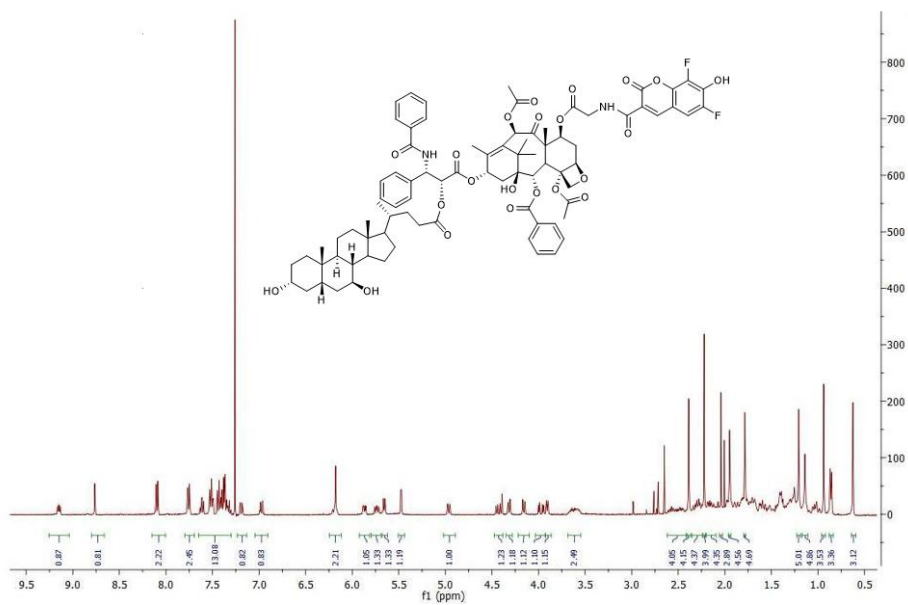
¹H-NMR of compound 2



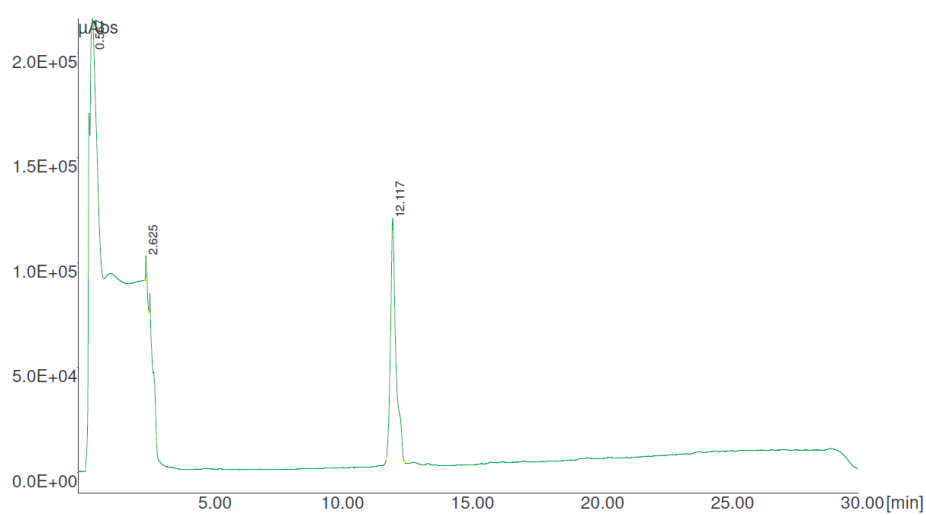
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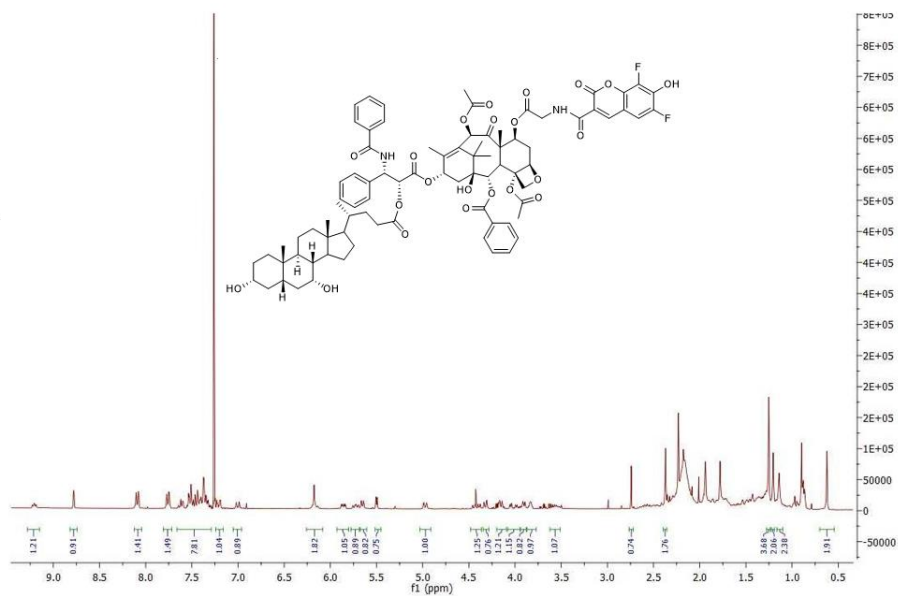
¹H-NMR of compound UDC-PTX-PB



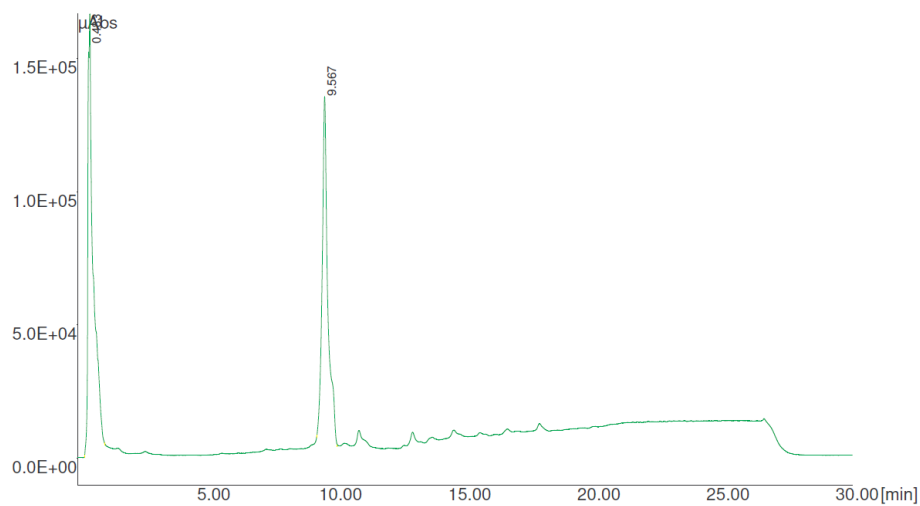
RP-HPLC chromatogram of compound UDC-PTX-PB. Rt=12.1 min



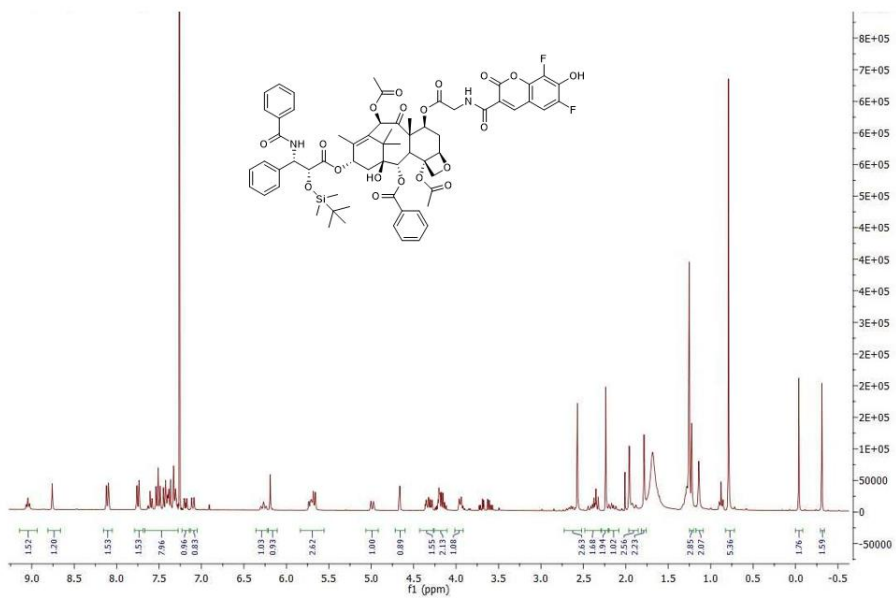
¹H-NMR of compound CDC-PTX-PB



RP-HPLC chromatogram of compound CDC-PTX-PB. Rt=9.5 min



¹H-NMR of compound 5



RP-HPLC chromatogram of compound 5. Rt=11.4 min

