

Supplementary Information

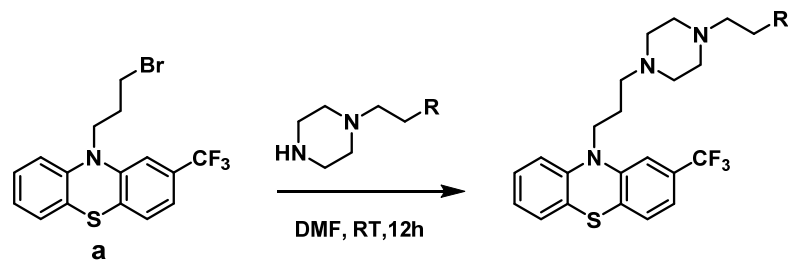
Design of inhibitors of the intrinsically disordered protein NUPR1: balance between drug affinity and target function

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Scheme S1. Synthesis of ZZW-115-derived compounds.



Name	R	Yield (%)	Name	R	Yield (%)
ZZW-129		68	ZZW-143		69
ZZW-130		79	ZZW-144		63
ZZW-131		74	ZZW-145		76
ZZW-132		71	ZZW-148		70
ZZW-142		76			

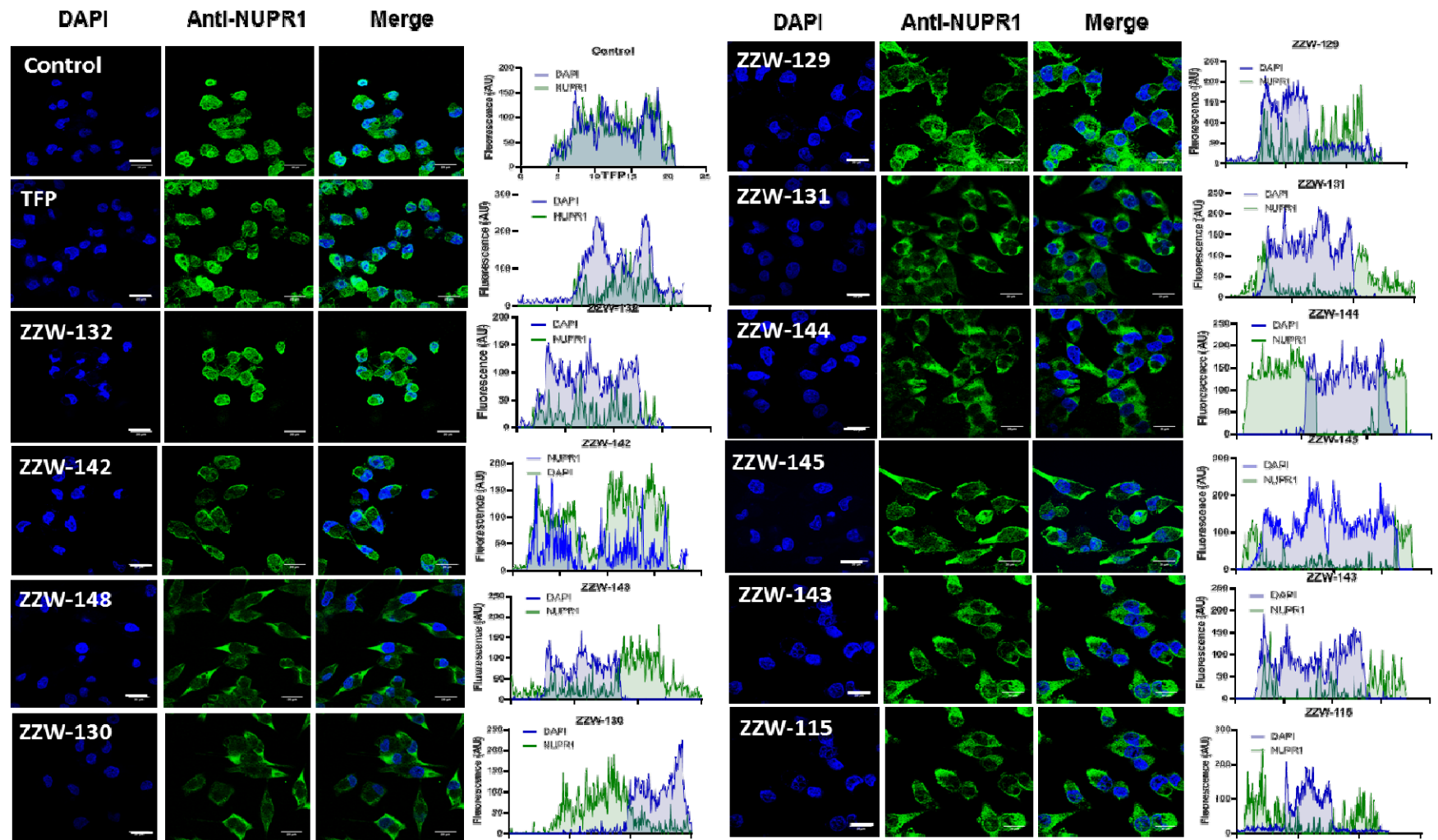


Figure S1: Colocalization scatter plots of NUPR1; Pearson's R value (PRV), and Mander's coefficient (MC) were calculated by using the ImageJ Coloc2 plugin. The bar indicates 20 μm .

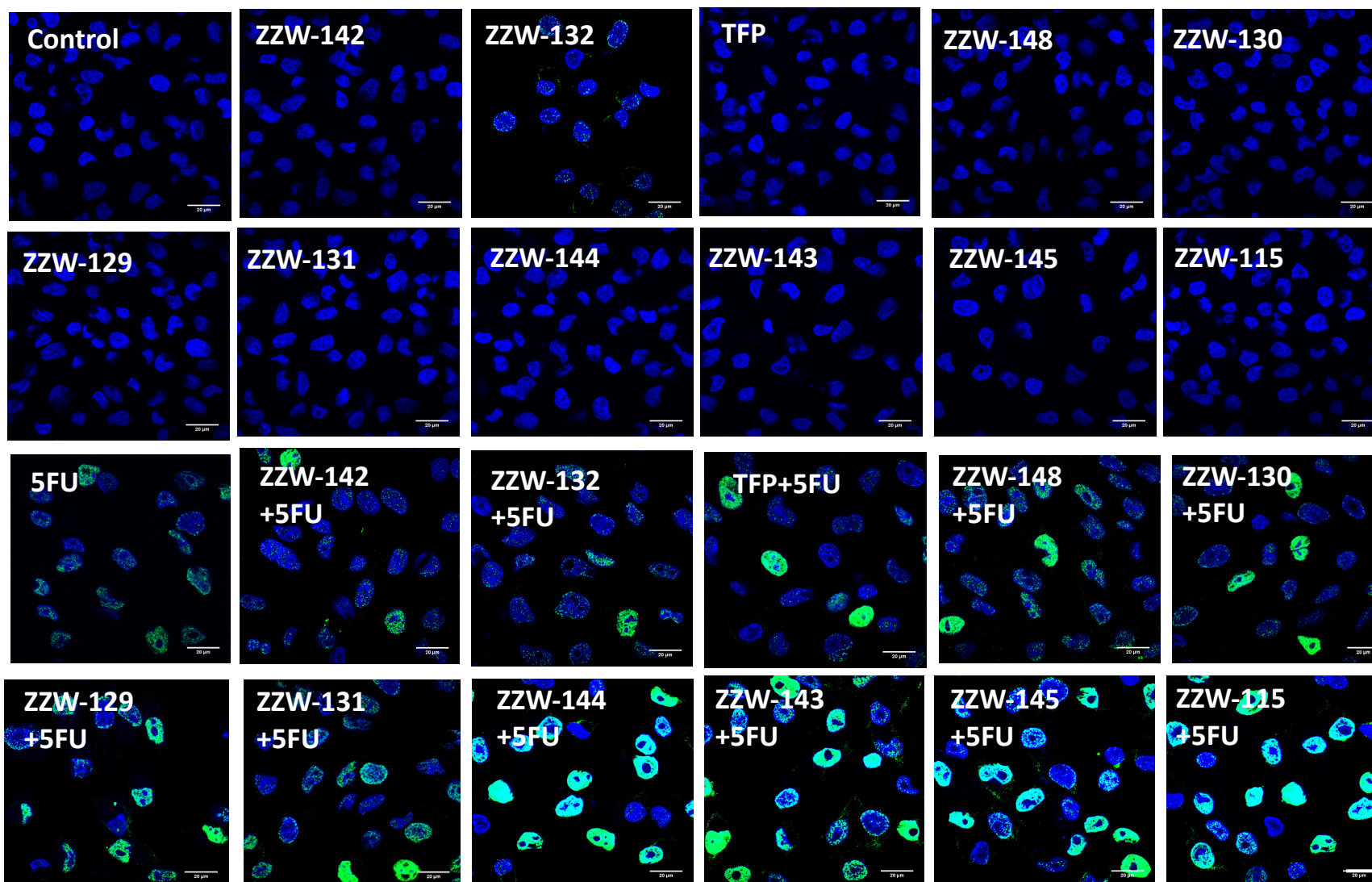
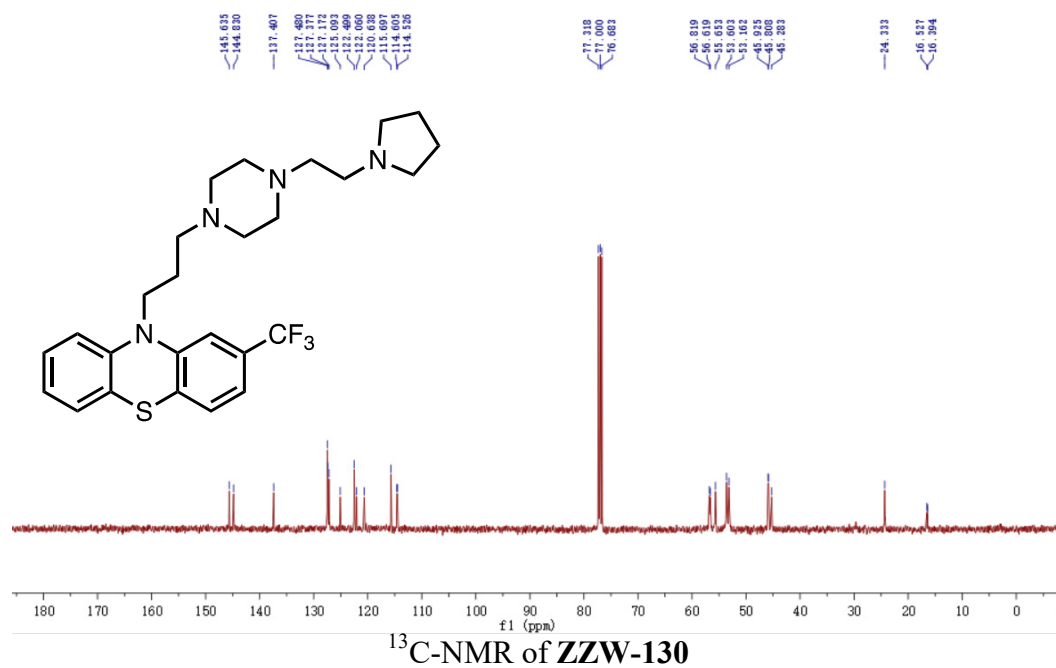
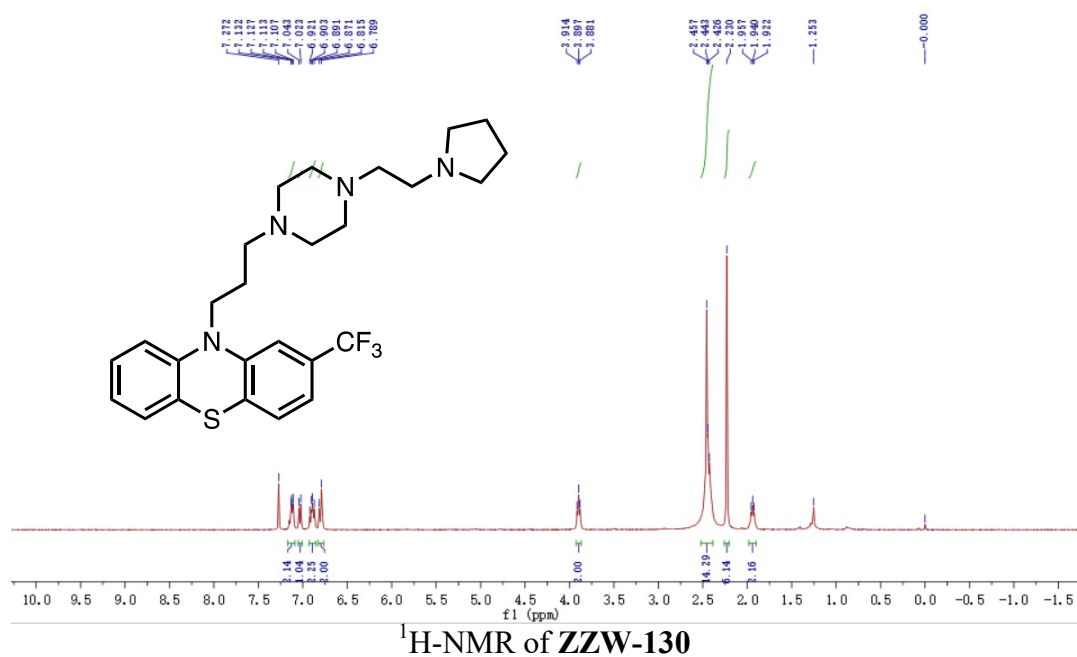
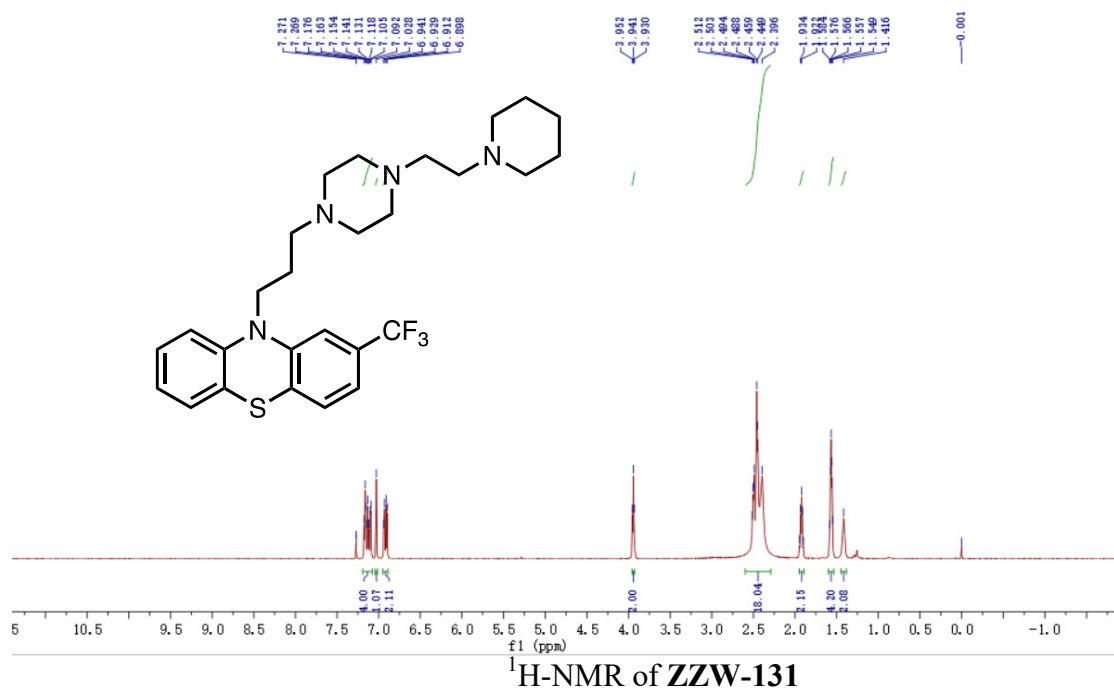
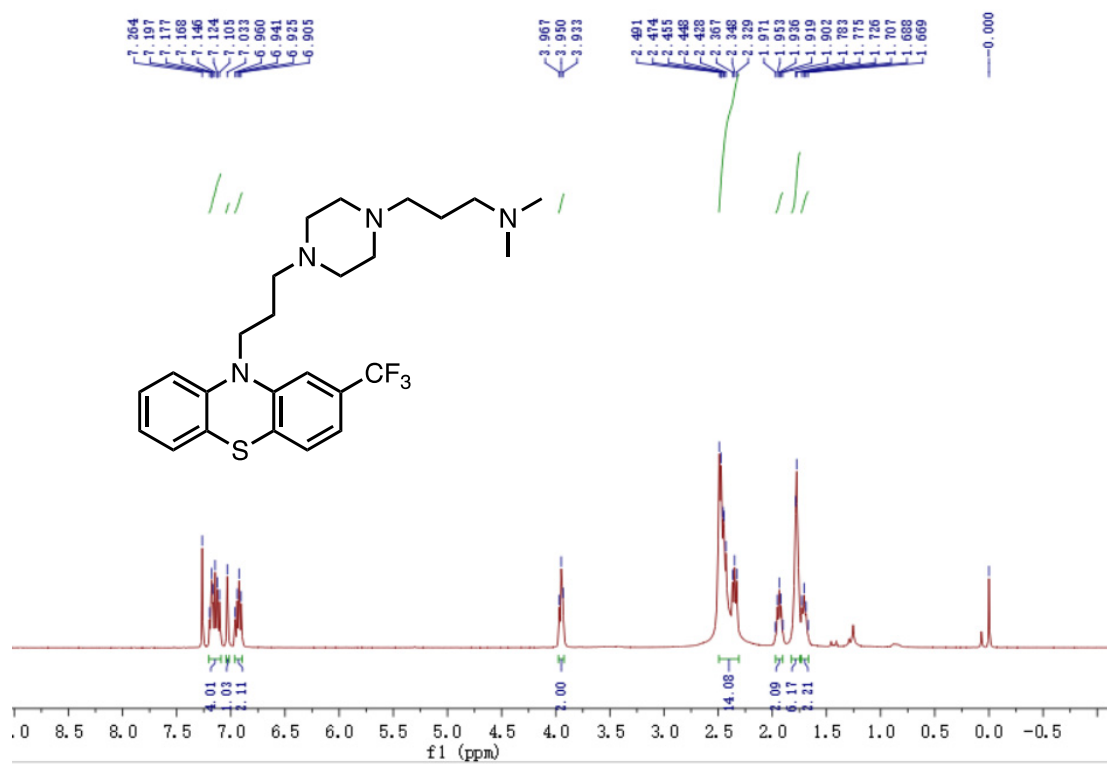


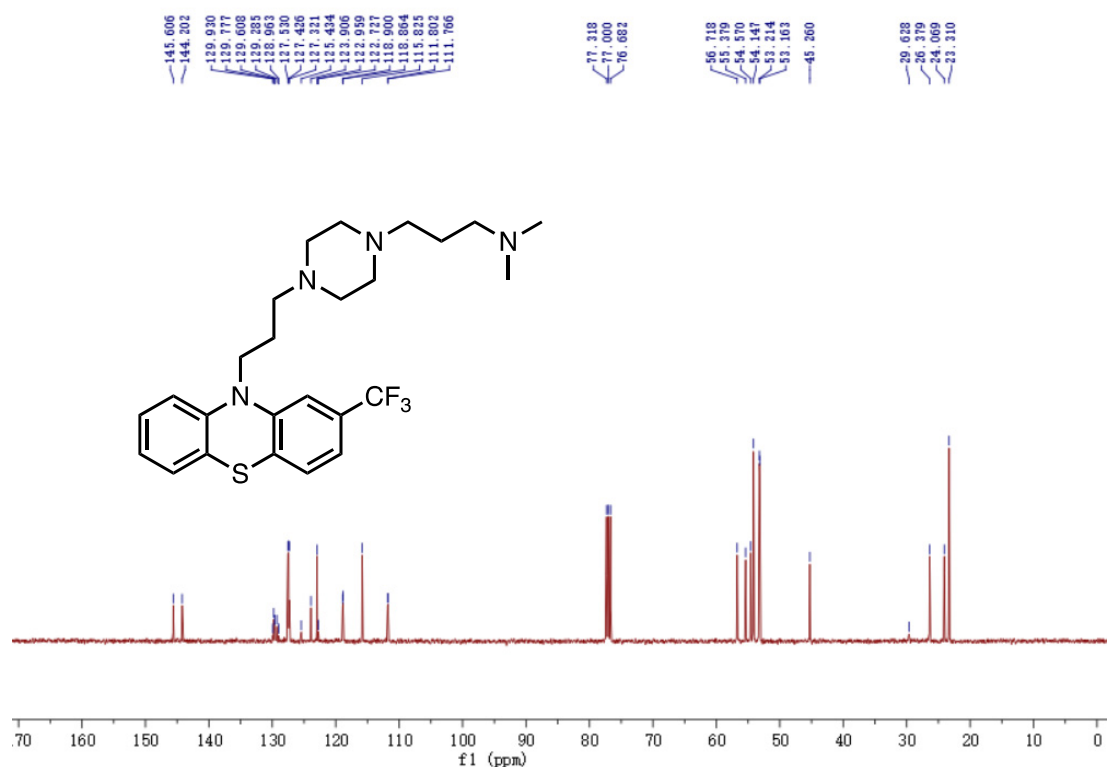
Figure S2: Intensity profiles shown for the effect of the ZZW-derived compounds for the ability to sensitize 5-FU induced damage. The bar indicates 20 µm.



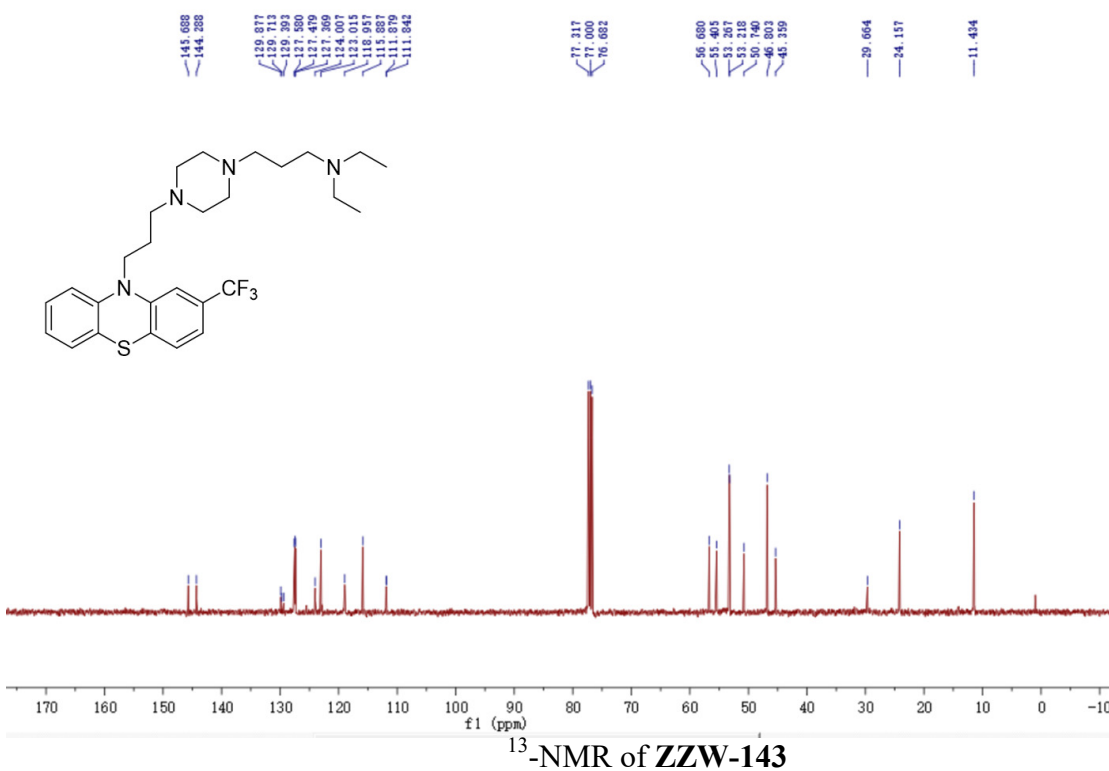
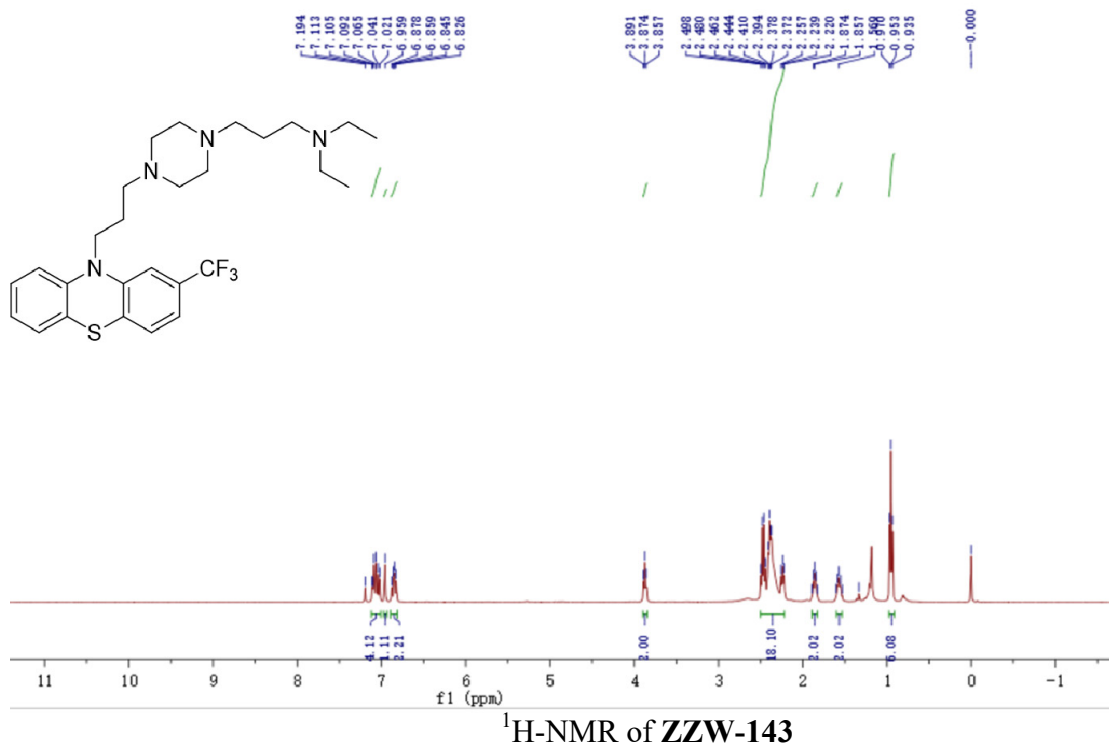


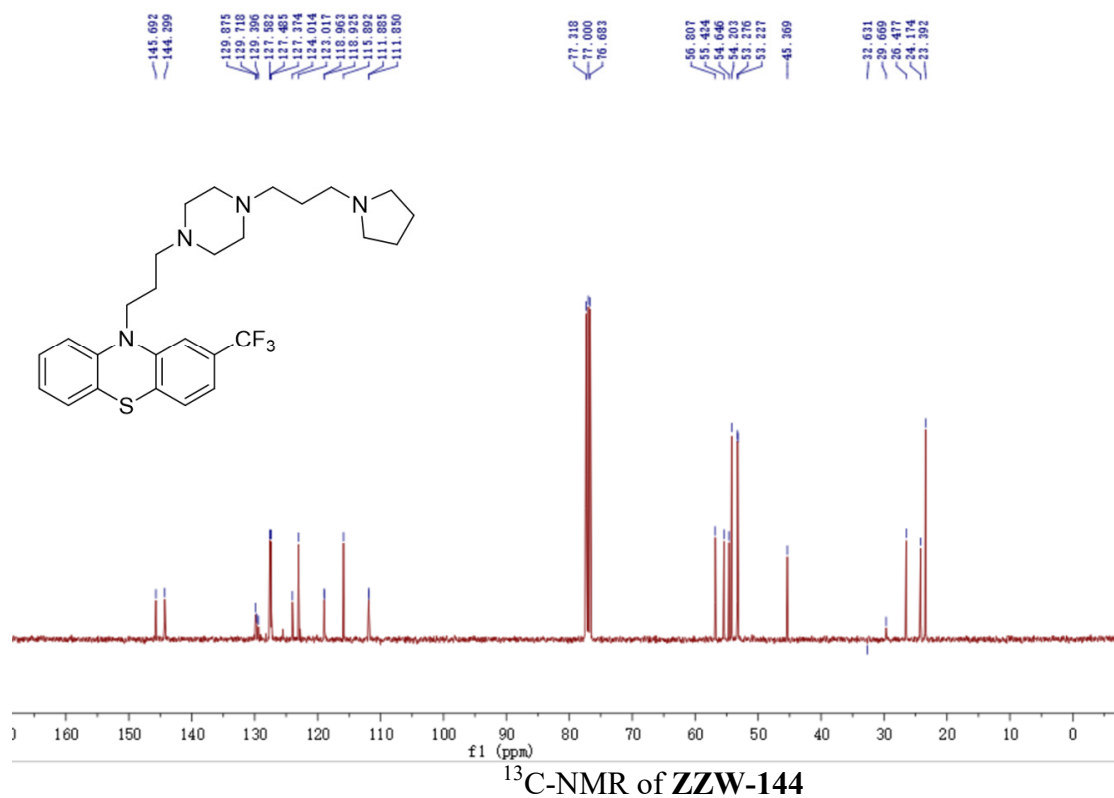
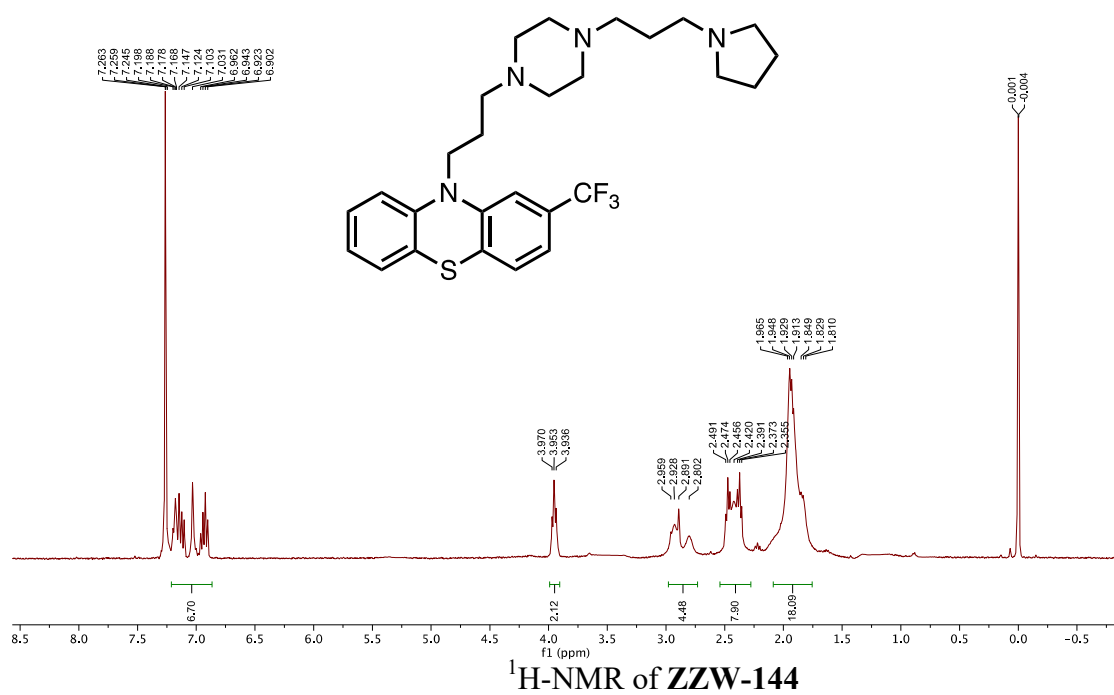


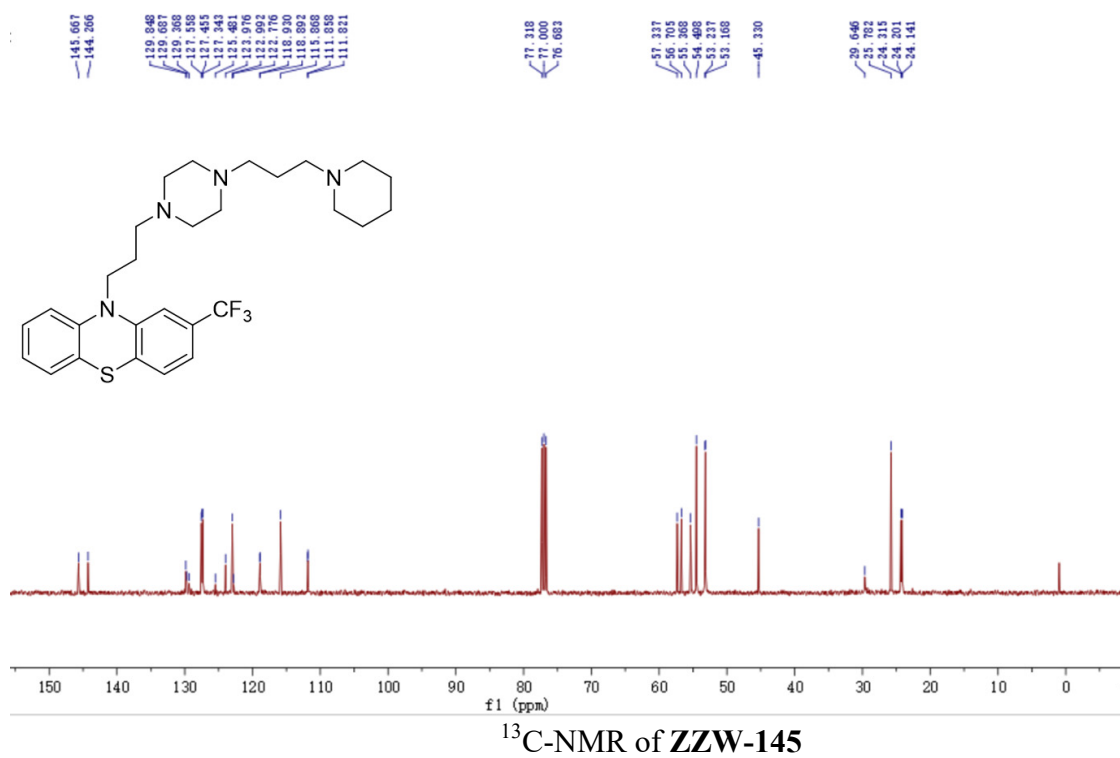
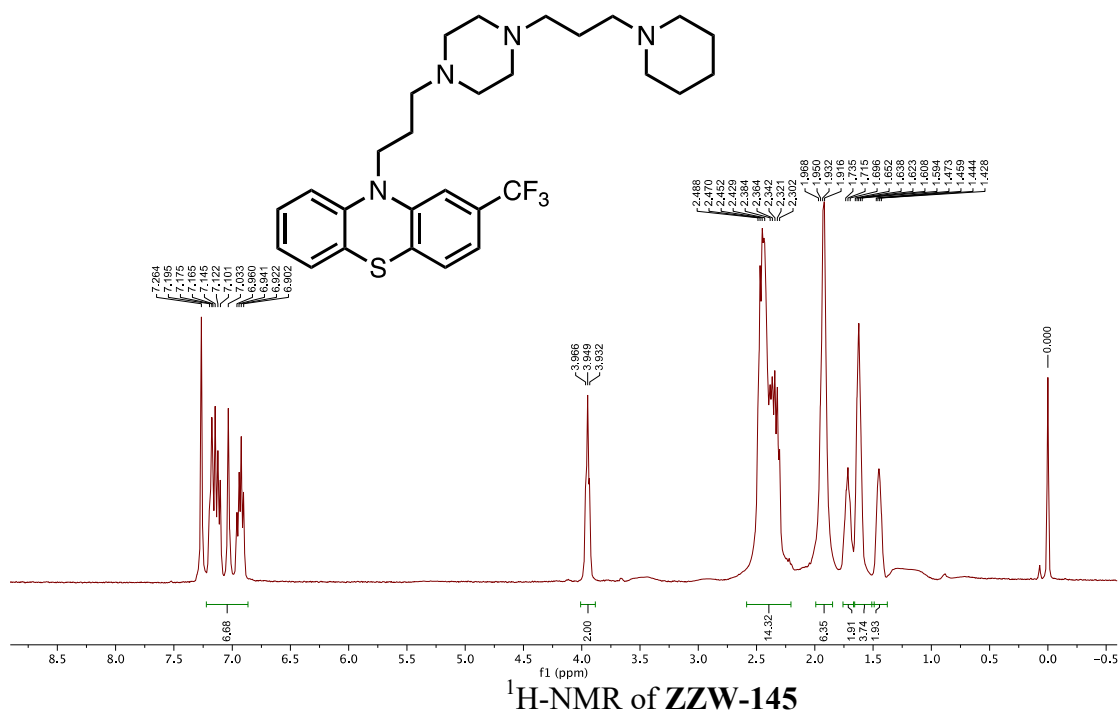
¹H-NMR of ZZW-142

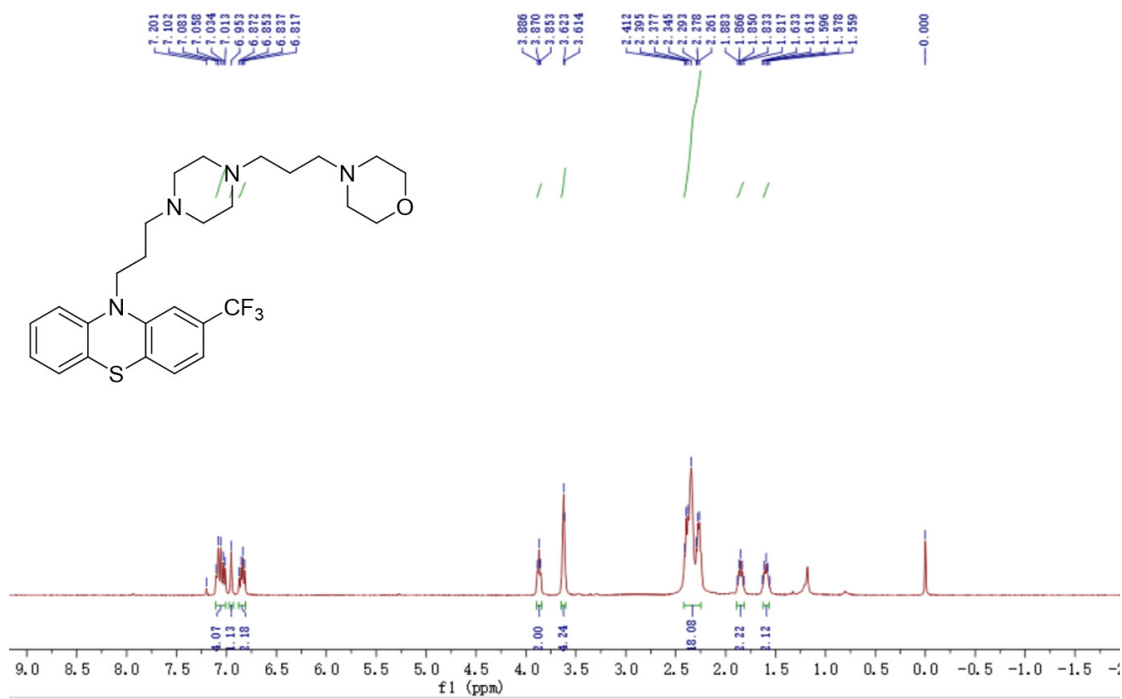


¹³C-NMR of ZZW-142

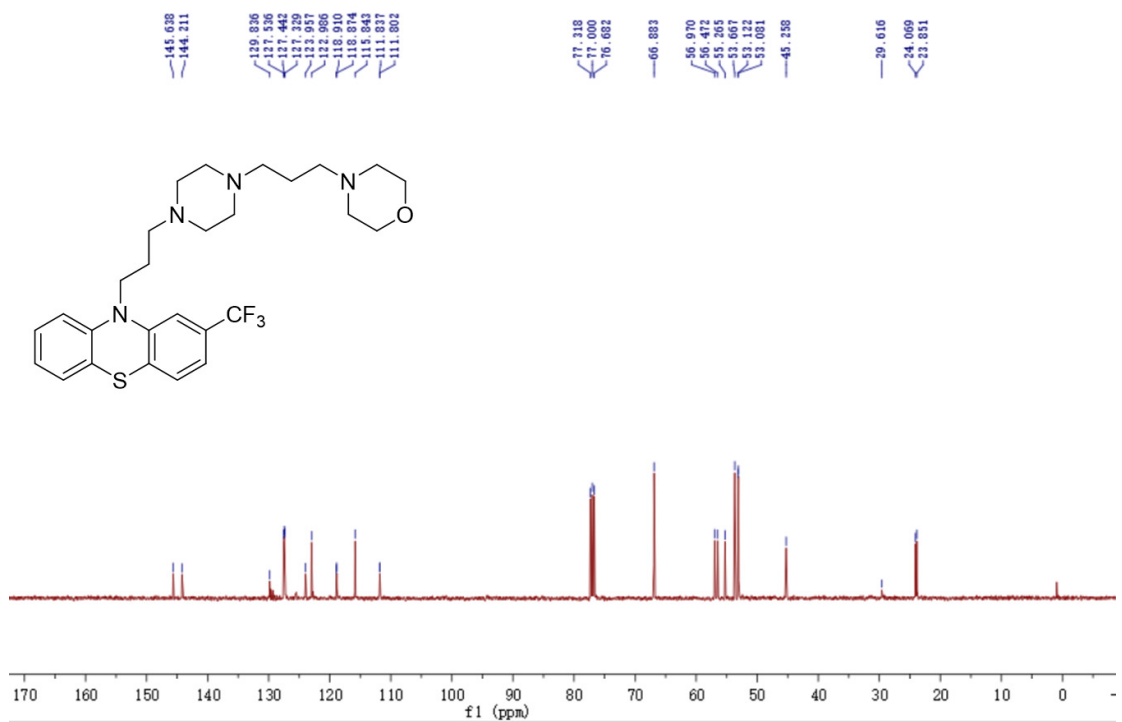








¹H-NMR of ZZW-148



¹³C-NMR of ZZW-148

