

Role of the Nitro Functionality in the DNA Binding of 3-Nitro-10-methylbenzothiazolo[3,2-*a*]quinolinium Chloride

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Supporting Information

Figure S1. Sephadex size exclusion chromatography of quinolinium salts in the presence or absence of CT-DNA, HX, and XO. The amount of quinolinium salt eluted was determined by measuring the absorbance of the solutions before and after Sephadex size exclusion chromatography of the samples and calculating the percent of the total BQCl that was not retained in the chromatographic columns (**Elution %**). Solutions contained (1) 100 μM of the respective BQCl, (2) 100 μM of the respective BQCl and 2000 μM CT-DNA, (3) 100 μM of the respective BQCl, 300 μM HX and 300 mU / mL XO, and (4) 100 μM of the respective BQCl, 300 μM HX, 300 mU / mL XO, and 2000 μM DNA. Data shown are representative of three independent measurements.

