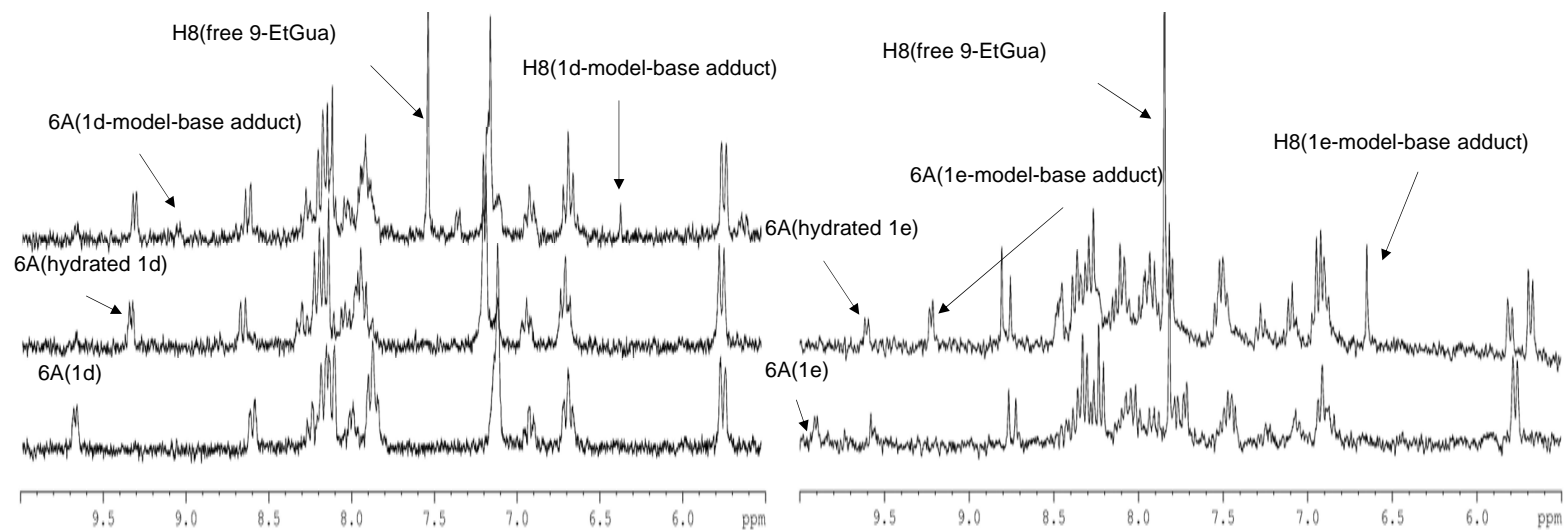


Ruthenium polypyridyl complexes and their ways of interaction with DNA: is there a correlation between these interactions and the antitumor activity of the compounds?

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Supporting information



Supporting information Figure S1. ^1H NMR studies of the reactions **1d** + 9-EtGua in D_2O (left) and **1e** + 9-EtGua in D_2O (right). The spectra on the left hand-side show the complex **1d** in D_2O at time = 0 (below), the complex **1d** in D_2O at time = 24 h (centre) and the mixture **1d** + 9-EtGua at time = 24 h (above). The spectra on the right hand-side show the mixture **1e** + 9-EtGua at time = 30 min (below) and at time = 24 h (above). The peaks assigned to the proton 6A in each complex are labeled, as well as the peaks assigned to the proton H8 of 9-EtGua, both in the free ligand and in the Ru-model base adduct.

Supporting information Table S1. Chemical shifts of the peaks assigned to the protons 6A and H8, indicative of the formation of the corresponding ruthenium-model base adducts.



Complex	6A(ppm)	H8(ppm)
Free 9-EtGua	---	7.81
1b (= hydrated 1a , 1c)	9.46	---
1a-c -model base adduct	9.21	6.81
1d	9.71	---
Hydrated 1d	9.40	---
1d -model base adduct	9.15	6.76
1e	9.90	---
Hydrated 1e	9.57	---
1e -model base adduct	9.19	6.62