

SUPPORTING INFORMATION

Synthesis, characterization and biological activity of new cyclometallated platinum(IV) complexes containing a *para*-tolyl ligand

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Figure S1. ^1H -NMR spectrum of a solution of complex **cm1MeI** (1 mM) in 50 mM phosphate buffer (in D_2O , pH 7.40) and d^6 -DMSO freshly prepared and after 3 h, 24 h and 1 week of storage at 298 K.

Figure S2. ^1H -NMR spectrum of a solution of complex **cm1MeI** (1 mM) in 50 mM phosphate buffer (in D_2O , pH 7.40) and d^6 -DMSO containing 25 mM ascorbic acid, freshly prepared and after 3 h, 24 h and 1 week of storage at 298 K.

Figure S3. ^1H -NMR spectrum of a solution of complex **cm1MeI** (1 mM) in 50 mM phosphate buffer (in D_2O , pH 7.40) and d^6 -DMSO containing 25 mM GSH, freshly prepared and after 3 h, 24 h and 1 week of storage at 298 K.

Figure S4. ^1H -NMR spectrum of a solution of complex **cm1MeI** (1 mM) in 50 mM phosphate buffer (in D_2O , pH 7.40) and d^6 -DMSO containing 25 mM L-cysteine, freshly prepared and after 24 h and 1 week of storage at 298 K.

Figure S1. $^1\text{H-NMR}$ spectrum of a solution of complex **cm1MeI** (1 mM) in 50 mM phosphate buffer (in D_2O , pH 7.40) and $\text{d}^6\text{-DMSO}$, freshly prepared and after 3 h, 24 h and 1 week of storage at 298 K.

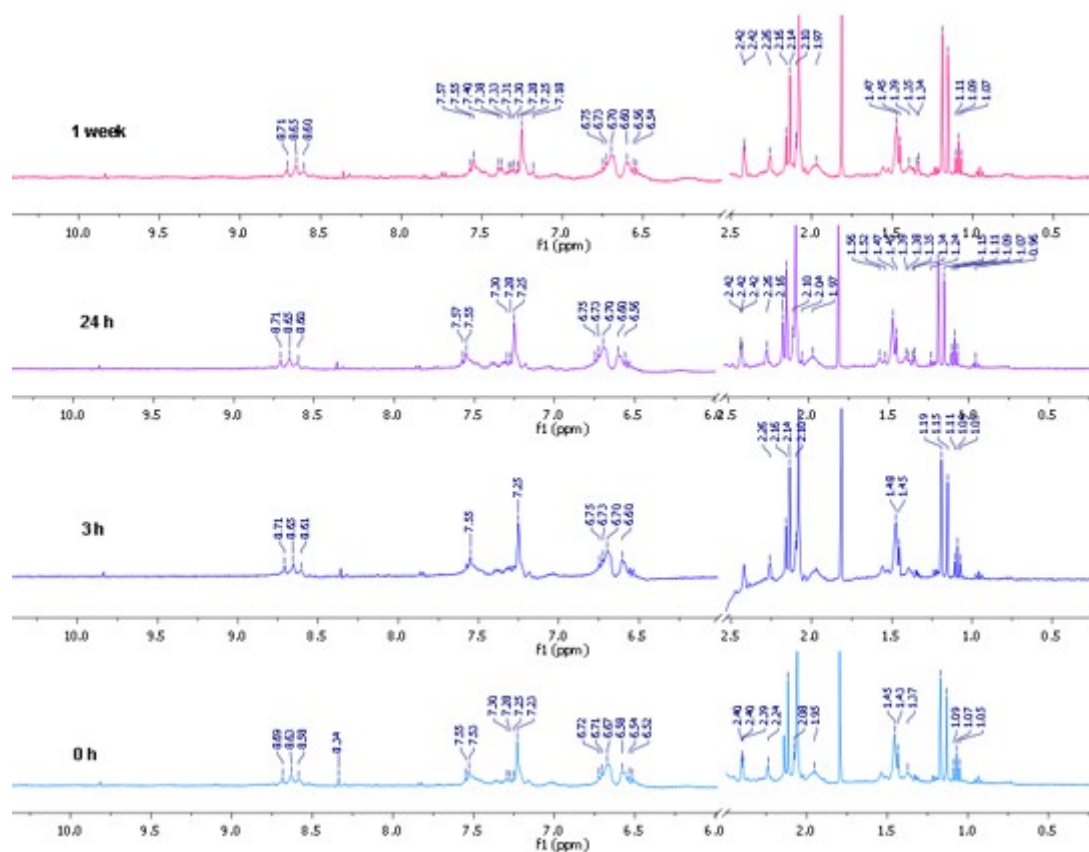


Figure S2. $^1\text{H-NMR}$ spectrum of a solution of complex **cm1MeI** (1 mM) in 50 mM phosphate buffer (in D_2O , pH 7.40) and $\text{d}^6\text{-DMSO}$ containing 25 mM ascorbic acid, freshly prepared and after 3 h, 24 h and 1 week of storage at 298 K.

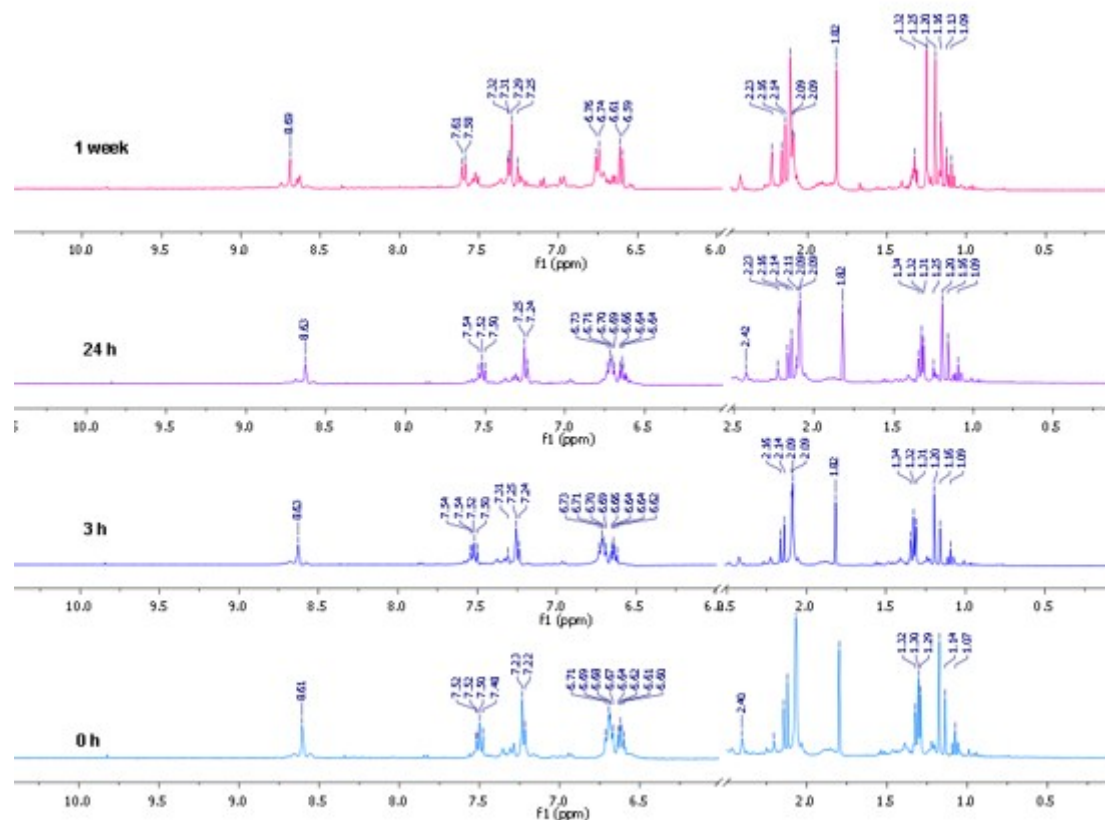


Figure S3. ^1H -NMR spectrum of a solution of complex **cm1MeI** (1 mM) in 50 mM phosphate buffer (in D_2O , pH 7.40) and d^6 -DMSO containing 25 mM GSH, freshly prepared and after 3 h, 24 h and 1 week of storage at 298 K.

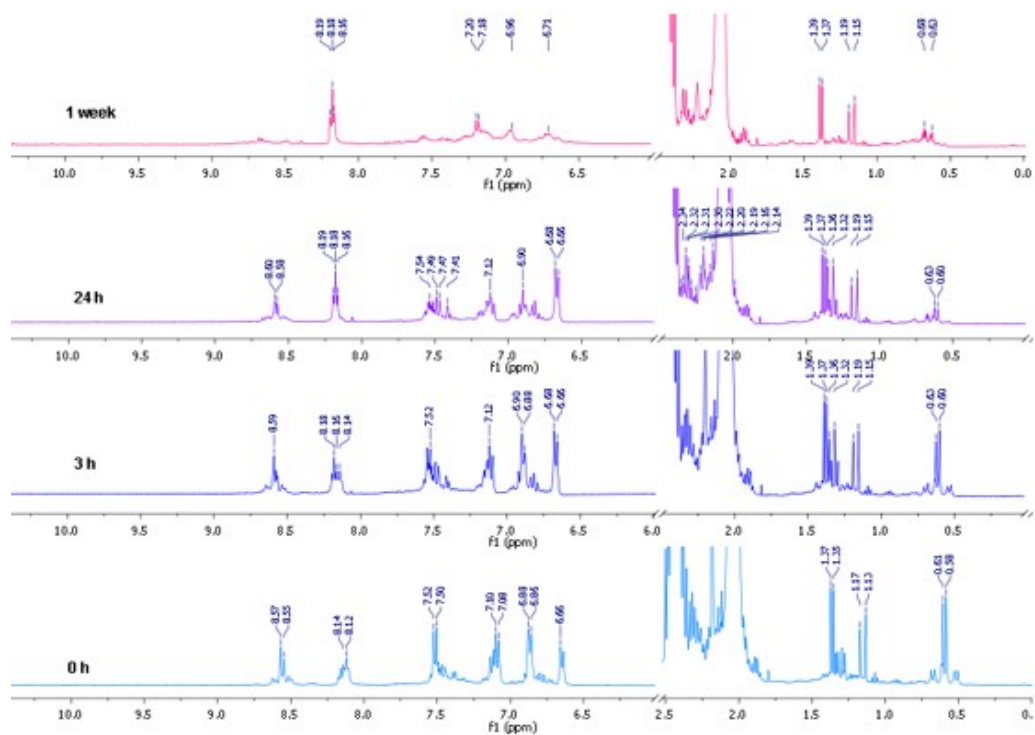


Figure S4. Partial view of ^1H -NMR spectrum of a solution of complex **cm1MeI** (1 mM) in 50 mM phosphate buffer (in D_2O , pH 7.40) and d^6 -DMSO containing 25 mM L-cysteine, freshly prepared and after 24 h and 1 week of storage at 298 K.

