Luminescent rhenium *fac*-tricarbonyl-containing complexes of androgenic oxo-steroids

Electronic supplementary information

**NMR spectra of 1-DHT**

![NMR Spectra](image)

Fig. S1: Selected regions of the $^1$H NMR spectra (DMSO-$d_6$) of DHT (top) and 1-DHT (bottom)

![HSQC Spectrum](image)

Fig. S2: $^1$H-$^{13}$C HSQC spectrum (DMSO-$d_6$) of 1-DHT
Fig. S3: Selected region of the $^1$H-$^{13}$C HSQC spectrum (DMSO-d$_6$) of 1-DHT showing assignments for the steroid moiety

Fig. S4: $^1$H-$^{13}$C HMBC spectrum (DMSO-d$_6$) of 1-DHT
Fig. S5: Selected region of the $^1$H-$^{13}$C HMBC spectrum (DMSO-$d_6$) of 1-DHT showing correlations in the aromatic region.

Fig. S6: Selected region of the $^1$H-$^{13}$C HMBC spectrum (DMSO-$d_6$) of 1-DHT showing correlations in the aliphatic region.
**NMR spectra of 1-cyclohexanone**

Fig. S7: $^1$H NMR spectrum (DMSO-d$_6$) of 1-cyclohexanone with expansion of the aromatic region (inset)

Fig. S8: $^{13}$C NMR spectra (DMSO-d$_6$) of 1-cyclohexanone: $^{13}$C{H} (bottom), DEPT 135 (top), DEPT 90 (centre)