Electronic Supplementary Information (ESI)

Poly(alkylidenamines) dendrimers as scaffolds for the preparation of low-generation ruthenium based metallodendrimers

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1. Experimental:

$^{31}$P{¹H} NMR spectra were recorded with a Bruker Ultrashield Avance II + 400 spectrometer (¹H: 400.20 MHz, $^{31}$P: 161.97 MHz) in [D$_6$]DMSO, at 298.15 K (probe temperature). The chemical shifts (δ) are reported in ppm downfield and referenced to external 85% H$_3$PO$_4$ (δ = 0.00 ppm).

2. Complementary $^{31}$P NMR spectra (degradation studies):

Fig. 1: $^{31}$P NMR spectrum of metallodendrimer (8) in [D$_6$]DMSO at 37ºC, at different time periods of incubation.

Fig. 2: $^{31}$P NMR spectrum of metallodendrimer (9) in [D$_6$]DMSO at 37ºC, at different time periods of incubation.
Fig. 3: $^{31}$P NMR spectrum of metallodendrimer (10) in $[D_6]$DMSO at 37°C, at different time periods of incubation.