Figure S1. UV/visible spectra of [CuL(NCCH₃)]·PF₆ in CH₃CN, upon repeated addition/removal of ethene (298 K).
Figure S2 (top). $^1$H-nmr spectrum and assignment of [CuL-ethene]·PF$_6$ in CD$_2$Cl$_2$ at 300 K and (bottom) $^1$H NMR spectrum of [Cu L-ethene]·PF$_6$ in CD$_2$Cl$_2$ at 193 K; (b) influence of temperature on the coordinated C$_2$H$_4$ signals
Figure S3. Selected region of $^1$H-COSY of [CuLethene]·PF$_6$ in CD$_2$Cl$_2$ at 193 K
Figure S4 Schematic representation of the apparatus used to grow X-ray quality crystals of [Cu$_2$L$_2$C$_4$H$_6$]$_2$PF$_6$