CHEMISTRY
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# Supporting Information

# Structural and Binding Features of Cofacial Bis-porphyrins with Calixarene Spacers: Pac Man Porphyrins That Can Chew

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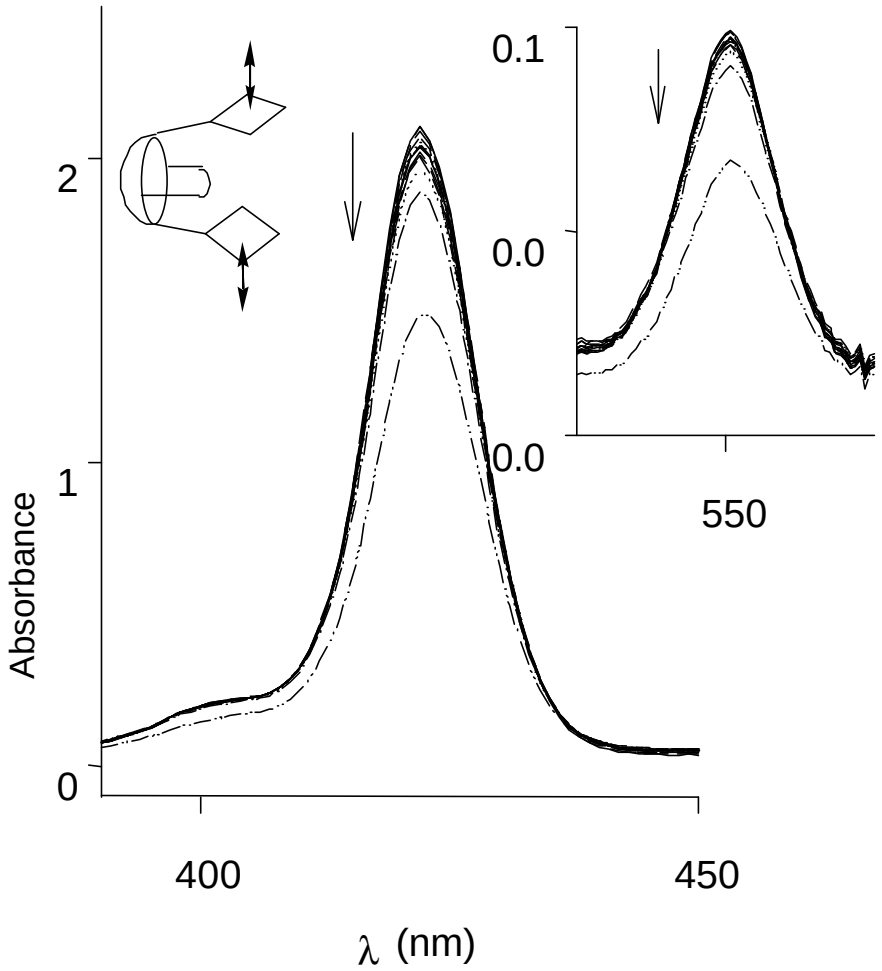
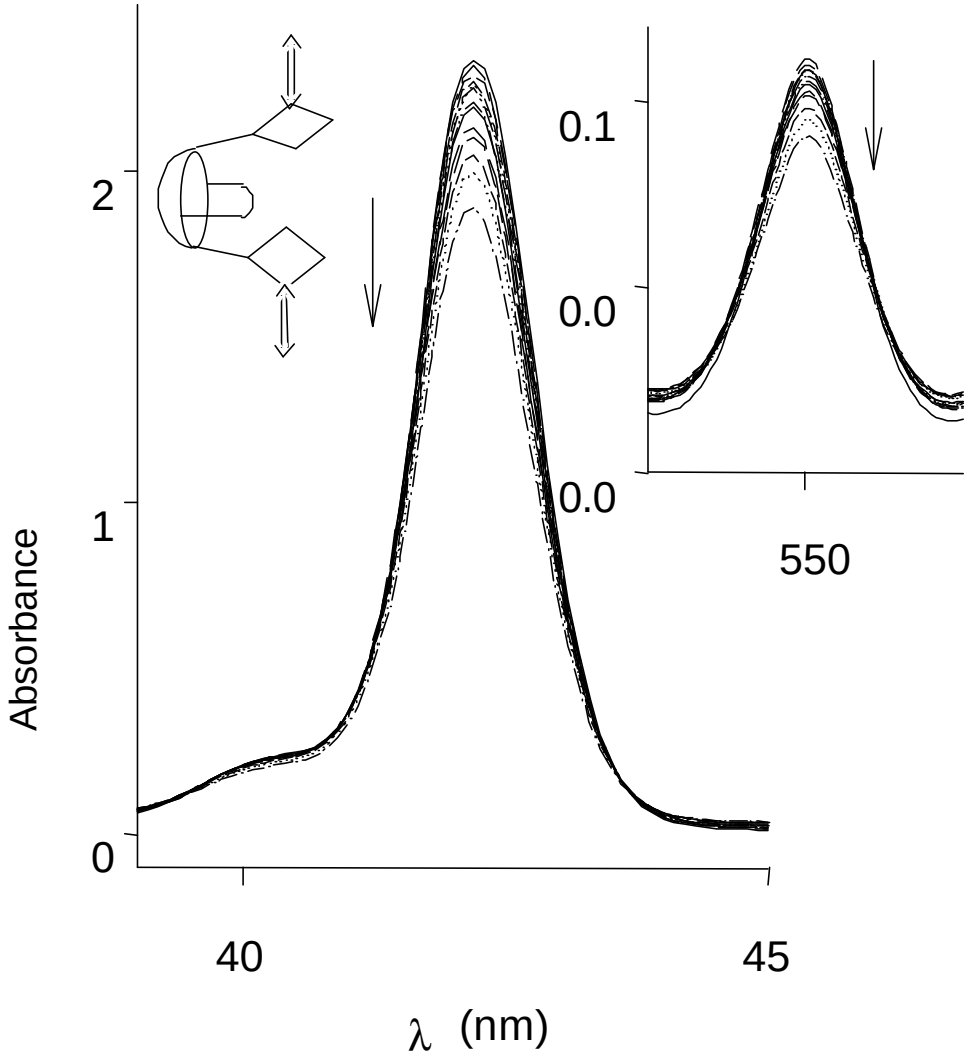
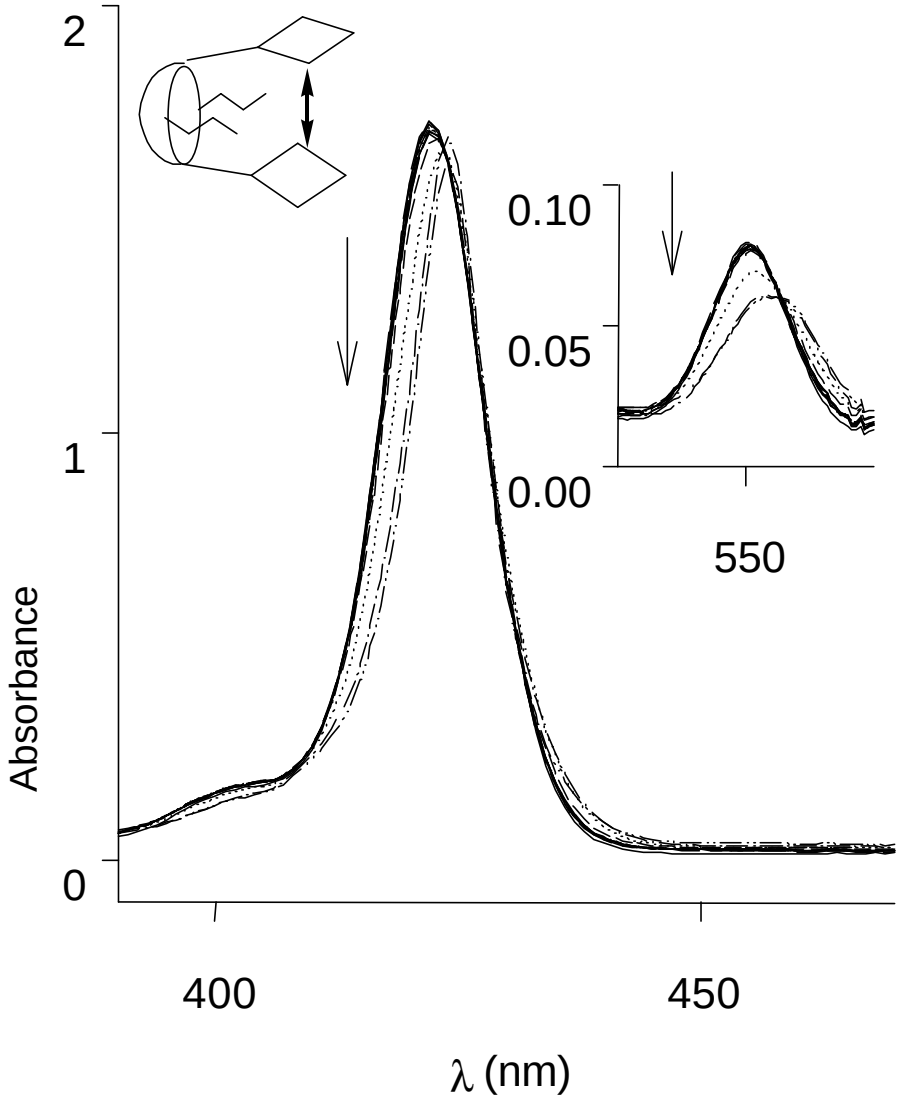
*UV-visible titration of receptor **4** [2.5 x $10^{-6}$M] with Dabco [2.5 x $10^{-4}$M] from 0 to 10 eq (293K, $CH_2Cl_2$)*



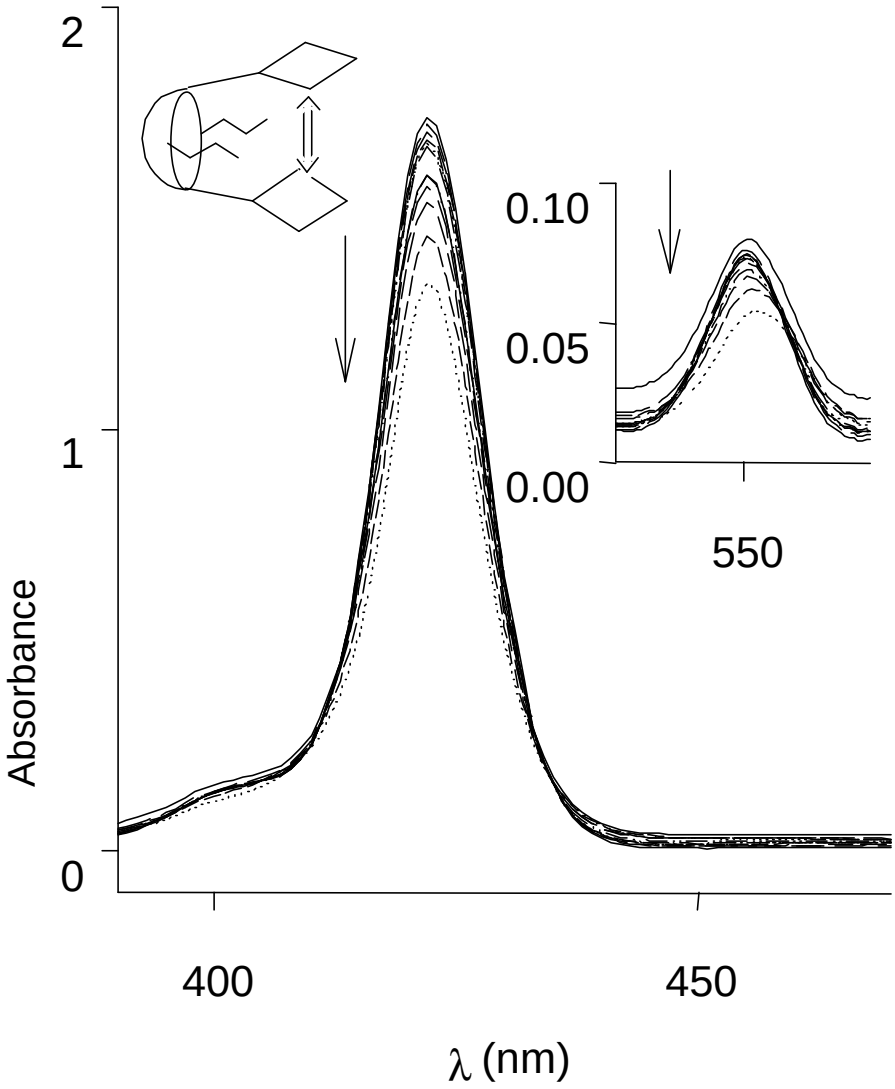
*UV-visible titration of receptor **4** [2.5 x $10^{-6}$M] with Pyrazine [2.5 x $10^{-4}$M] from 0 to 10 eq (293K, $CH_2Cl_2$)*



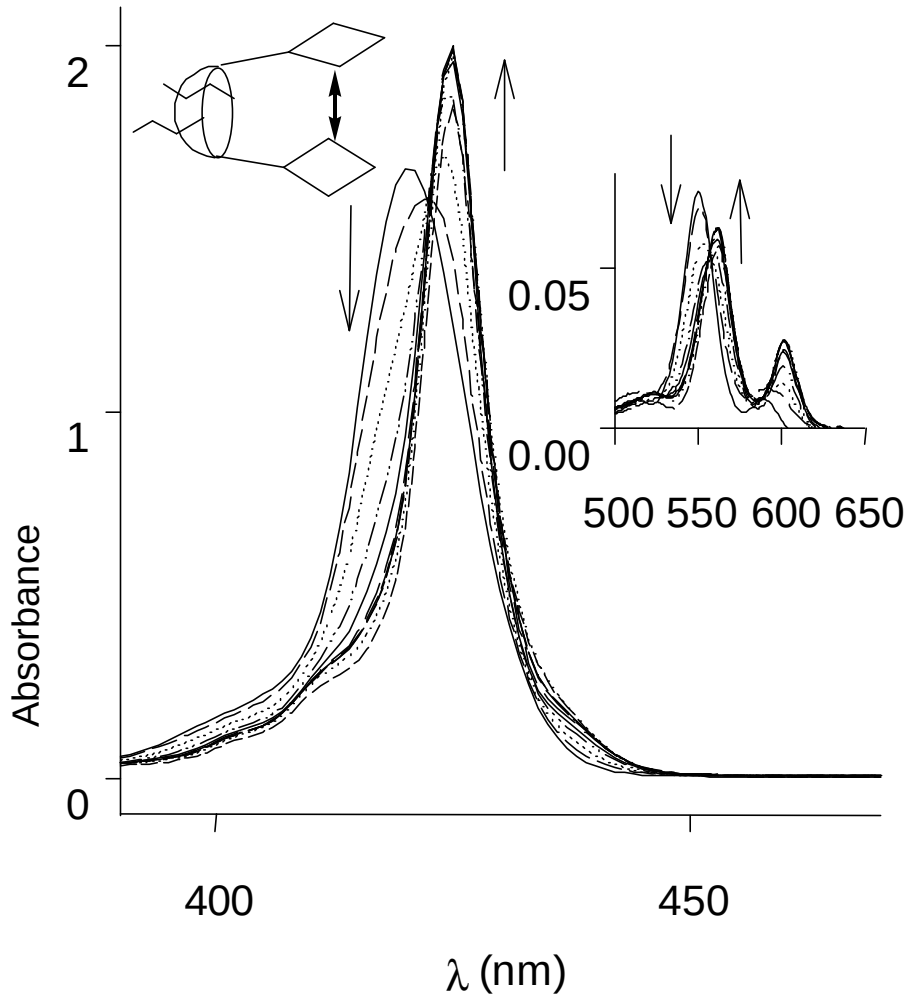
*UV-visible titration of receptor **2** [2.5 x $10^{-6}$M] with Dabco [2.5 x $10^{-4}$M] from 0 to 10 eq (293K, $CH_2Cl_2$)*



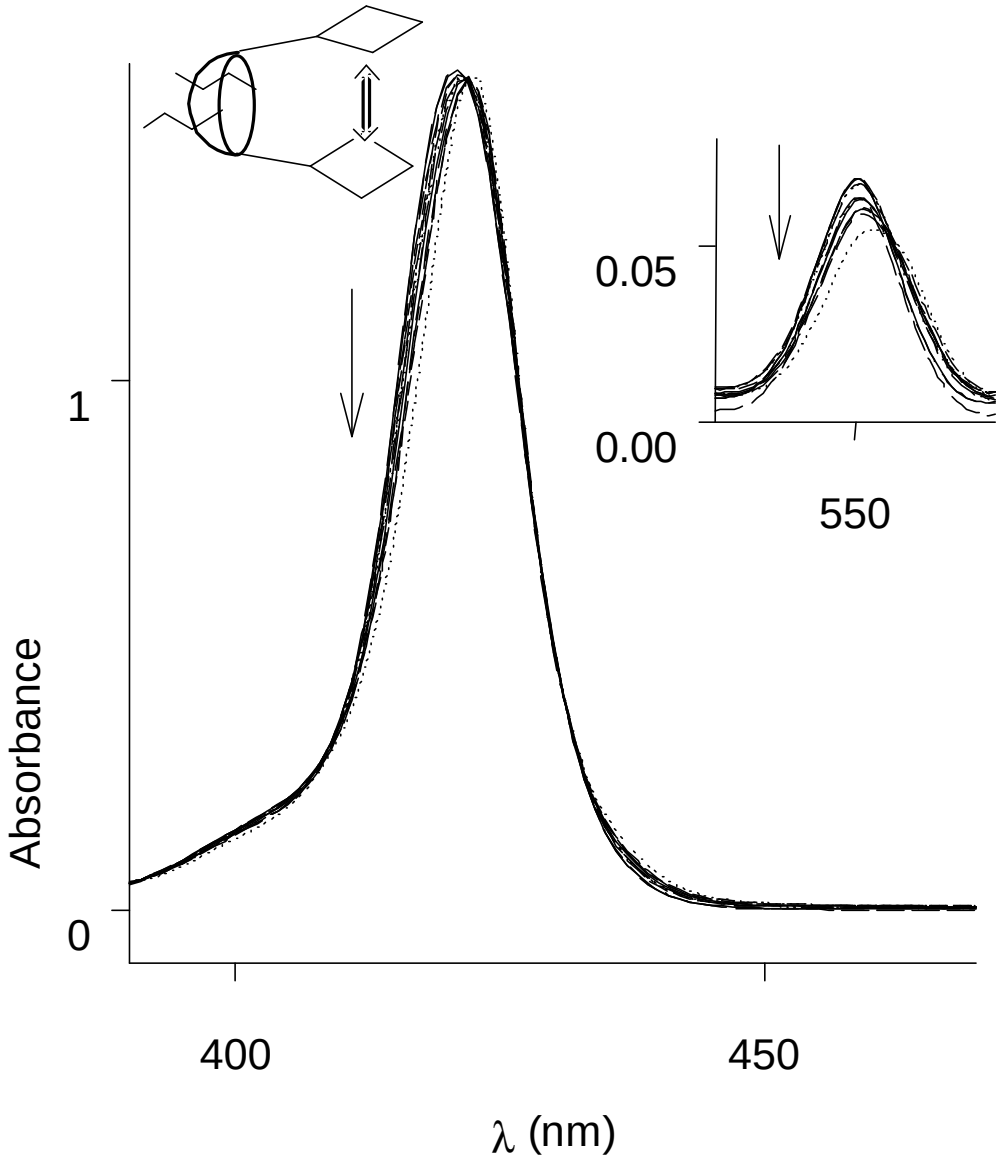
*UV-visible titration of receptor **2** [2.5 x $10^{-6}$M] with Pyrazine [2.5 x $10^{-4}$M] from 0 to 10 eq (293K, $CH_2Cl_2$)*



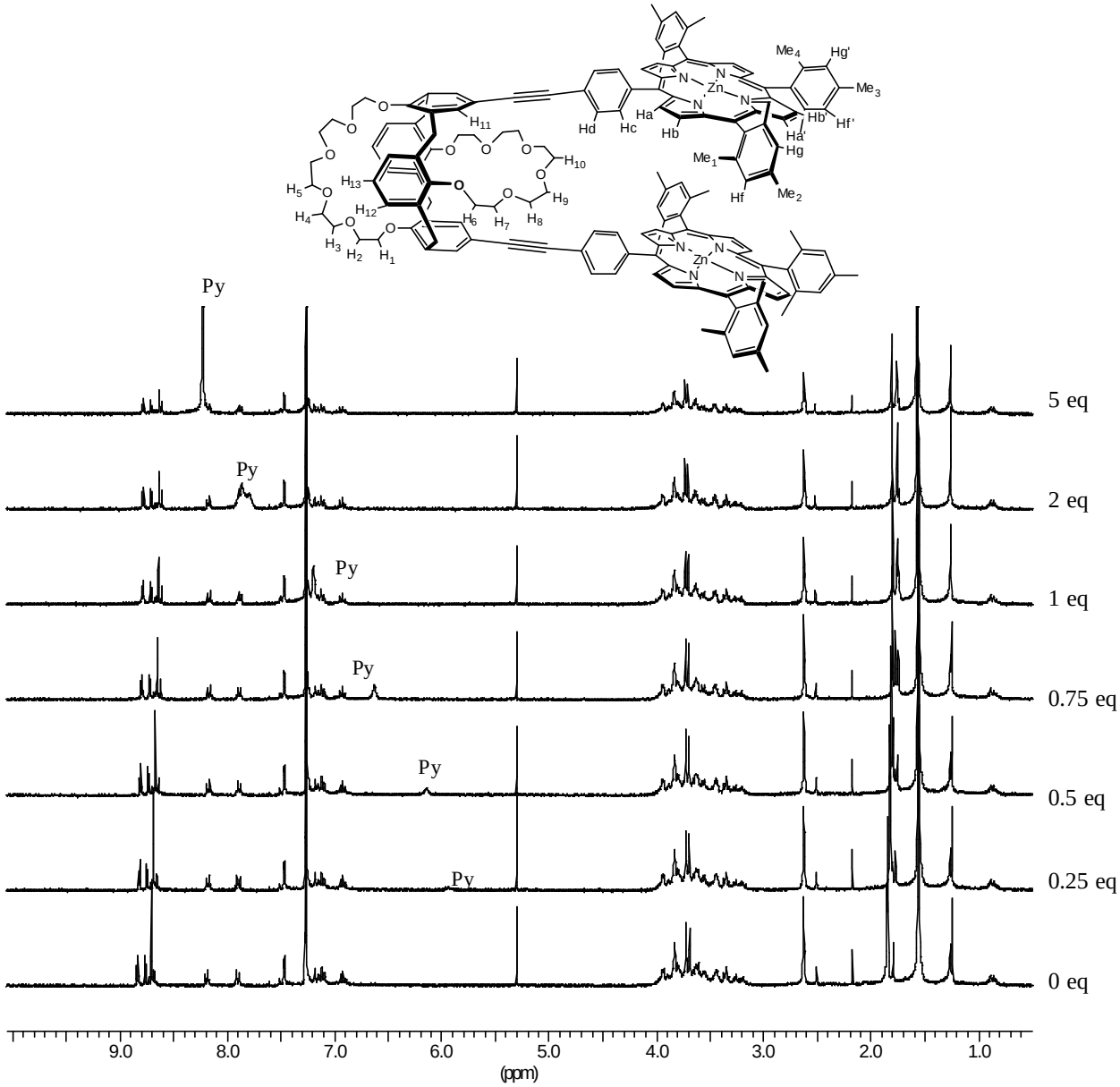
*UV-visible titration of ligand **3** [2.5 x $10^{-6}$M] with Dabco [2.5 x $10^{-4}$M] from 0 to 10 eq (293K, $CH_2Cl_2$)*



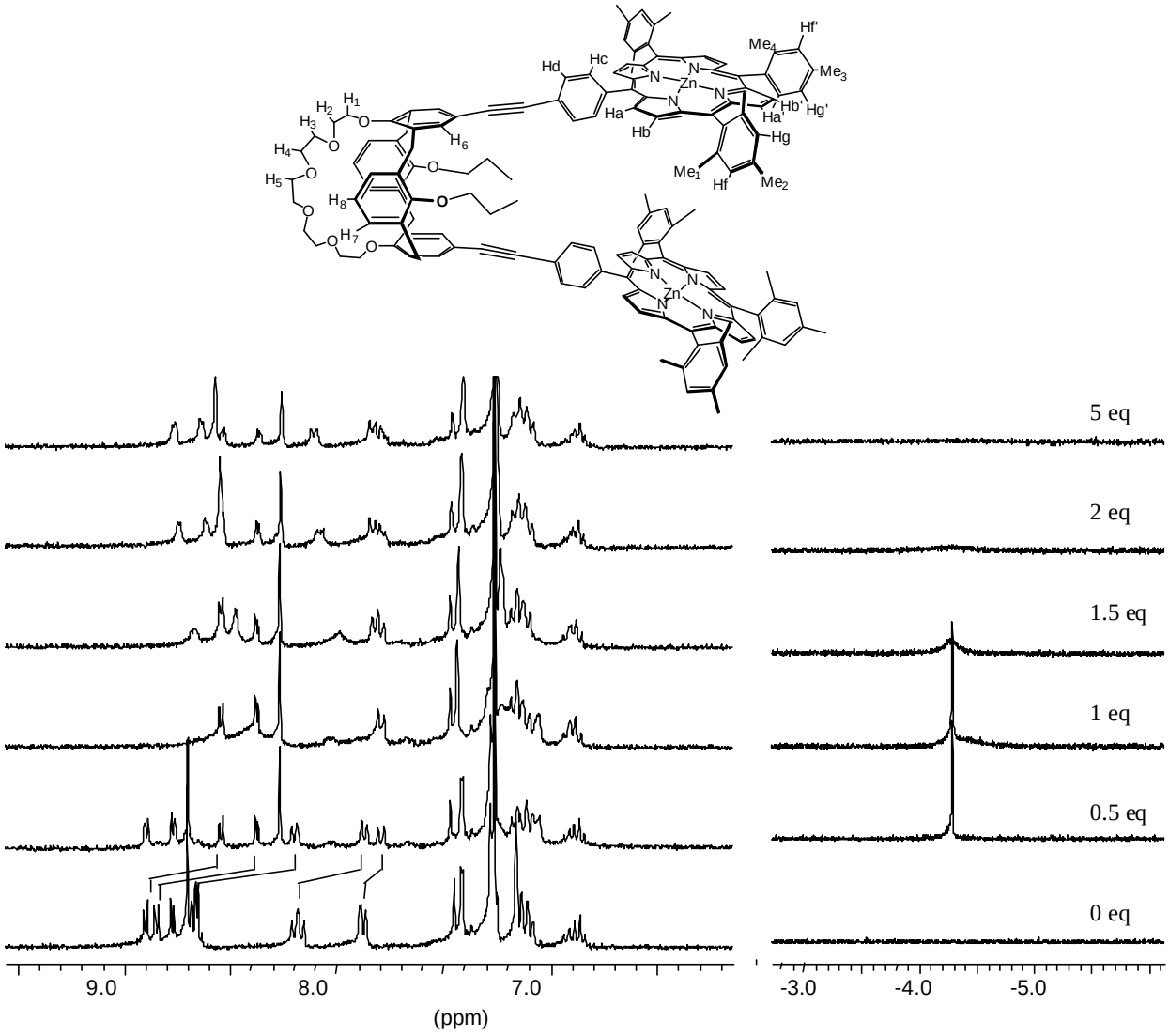
*UV-visible titration of receptor **3** [2.5 x $10^{-6}$M] with Pyrazine [2.5 x $10^{-4}$M] from 0 to 10 eq (293K, $CH_2Cl_2$)*



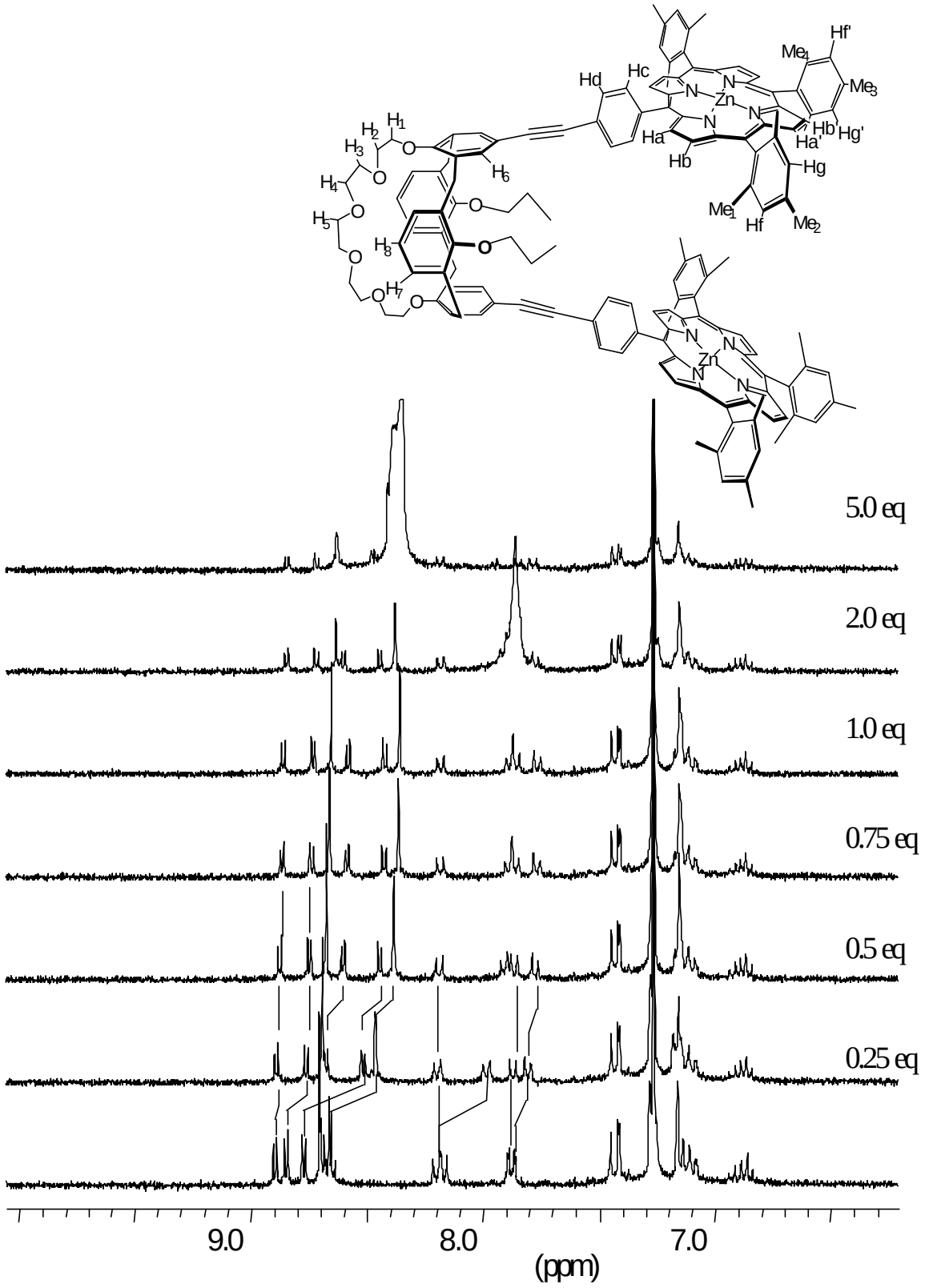
*1H NMR titration of receptor **4** with Pyrazine ($CDCl_3$, 300MHz, 293K)*



*1H NMR titration of receptor **2** with Dabco ($CDCl_3$, 300MHz, 293K)*



*1H NMR titration of receptor **2** with Pyrazine ($CDCl_3$, 300MHz, 293K)*



*1H NMR titration of receptor **3** with Pyrazine ($CDCl_3$, 300MHz, 293K)*