

Electronic Supplementary Information

Synthesis of Diazahexathia-24-crown-8 Derivatives and Structures of Ag⁺ Complexes

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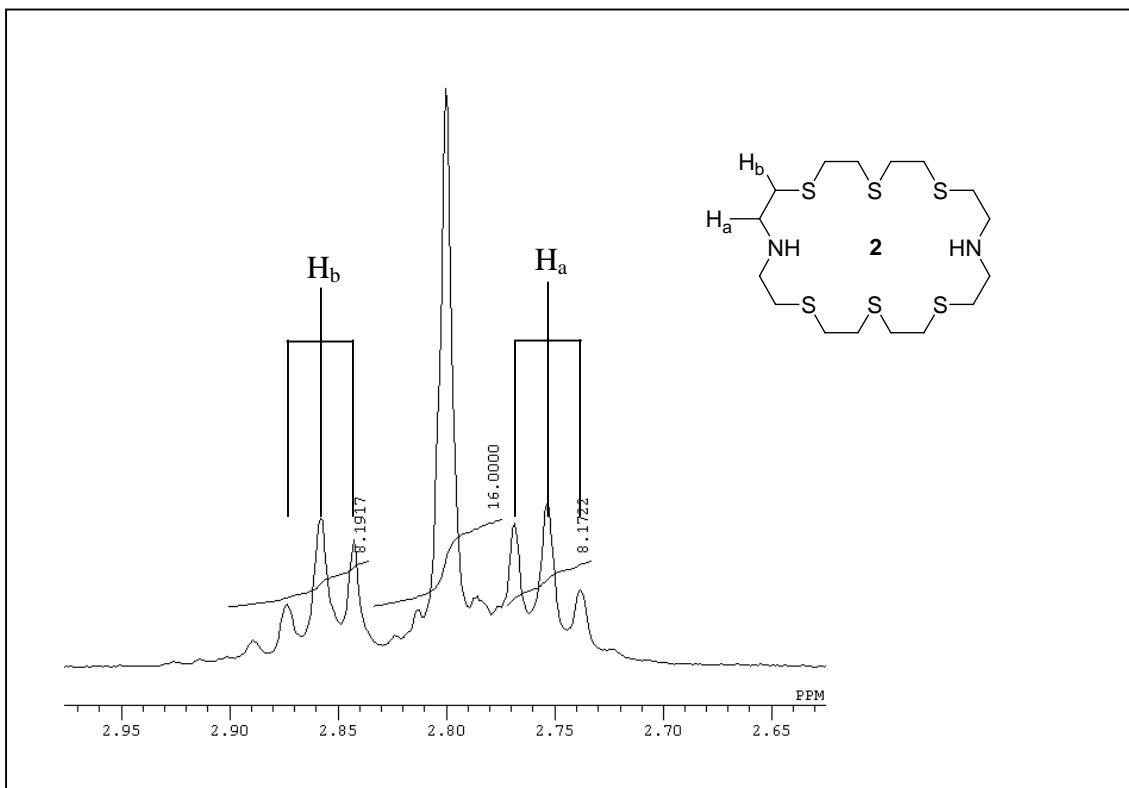
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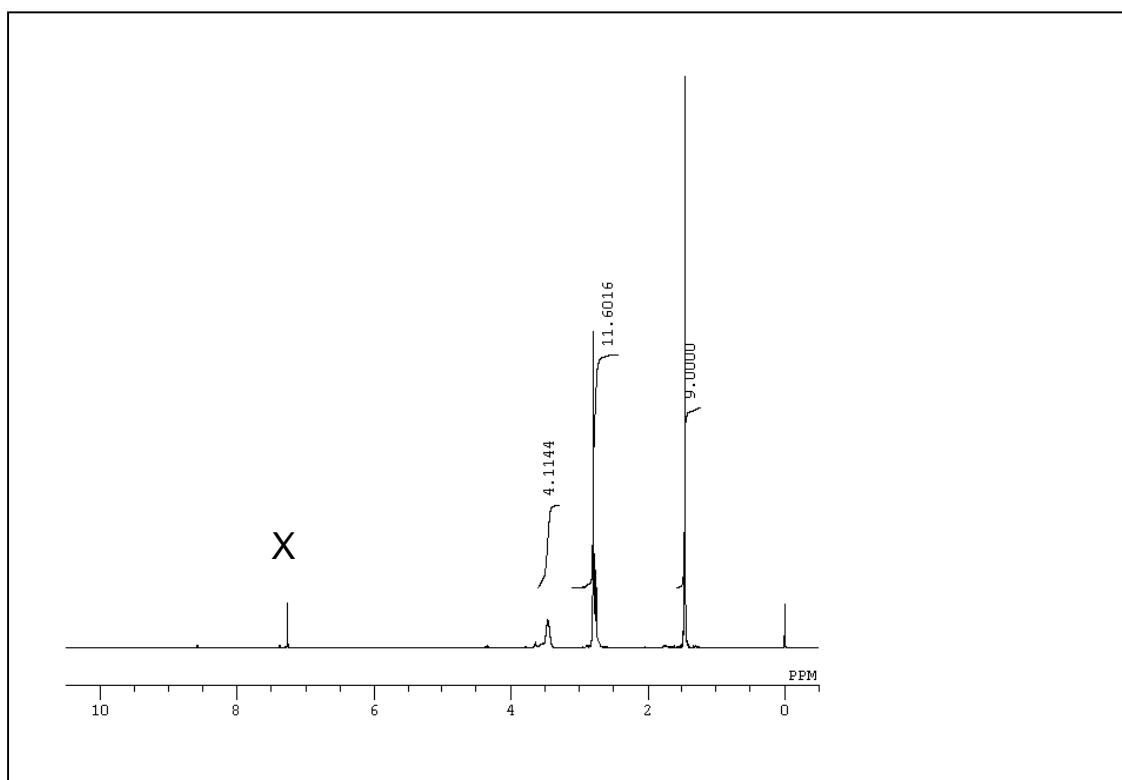
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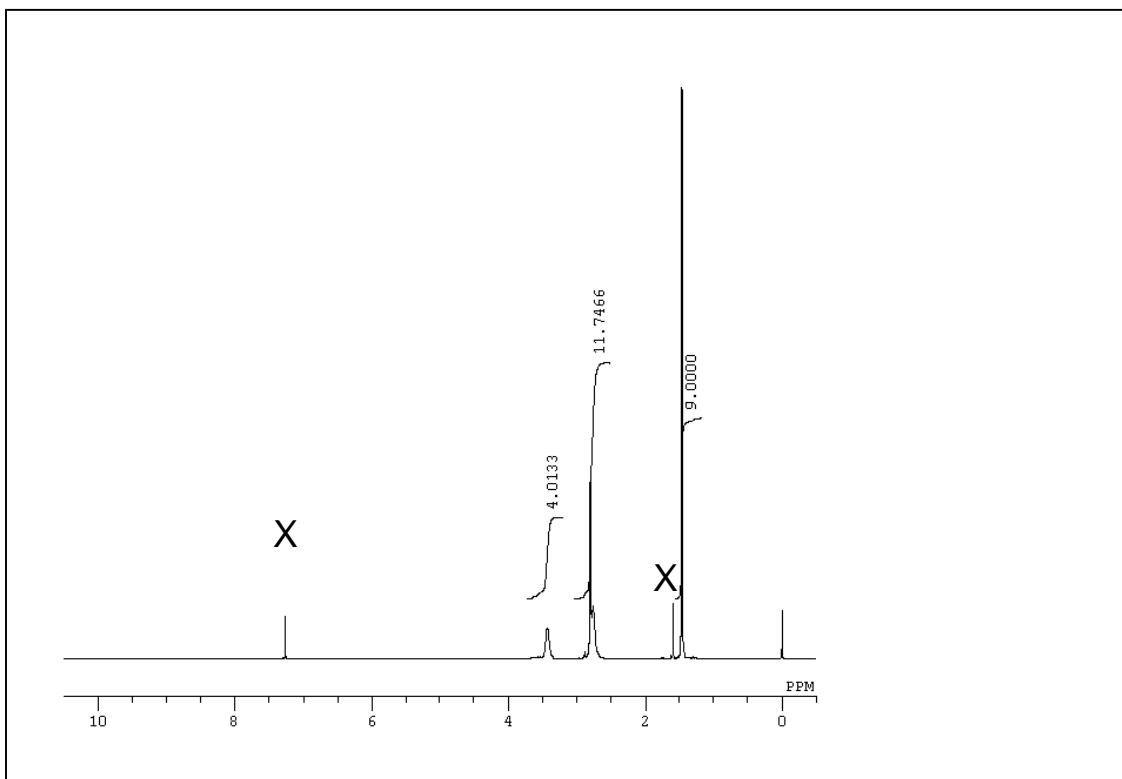
A partial ^1H NMR spectrum of diazahexathia 24-crown-8 (**2**) (in CDCl_3).



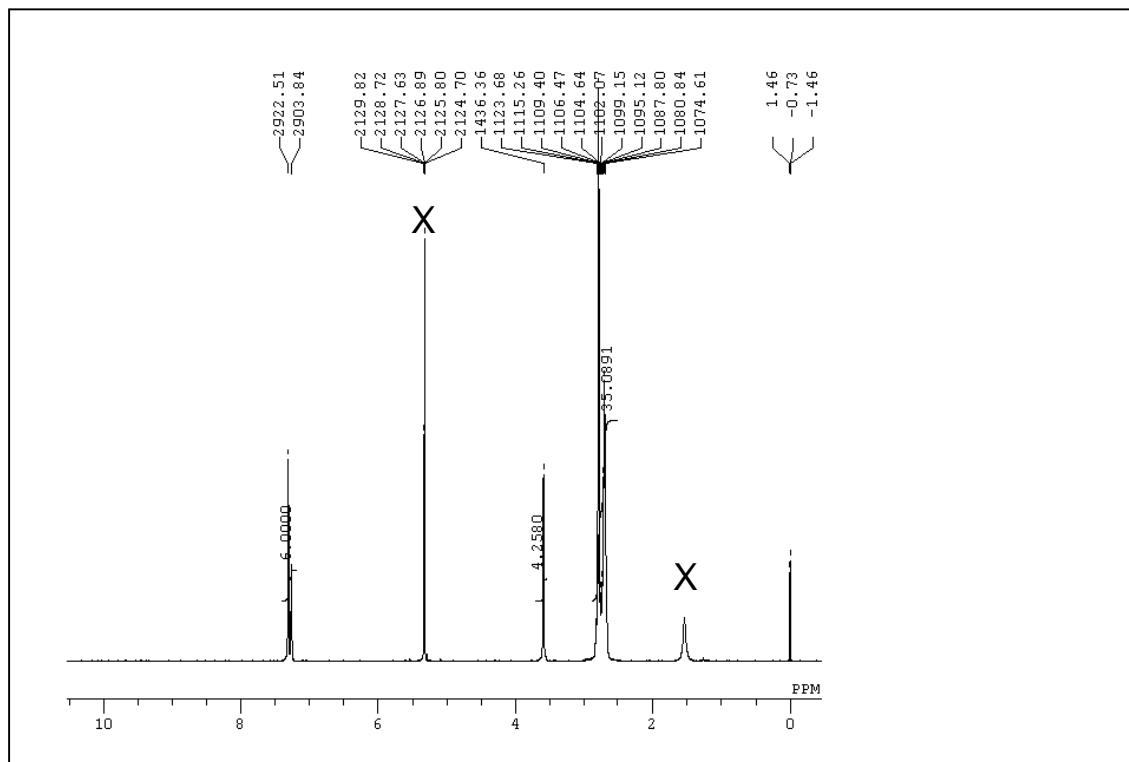
^1H NMR spectrum (400 MHz) of *N*-Boc-protected monoazatrithia 12-crown-4 (**3**) (in CDCl_3).



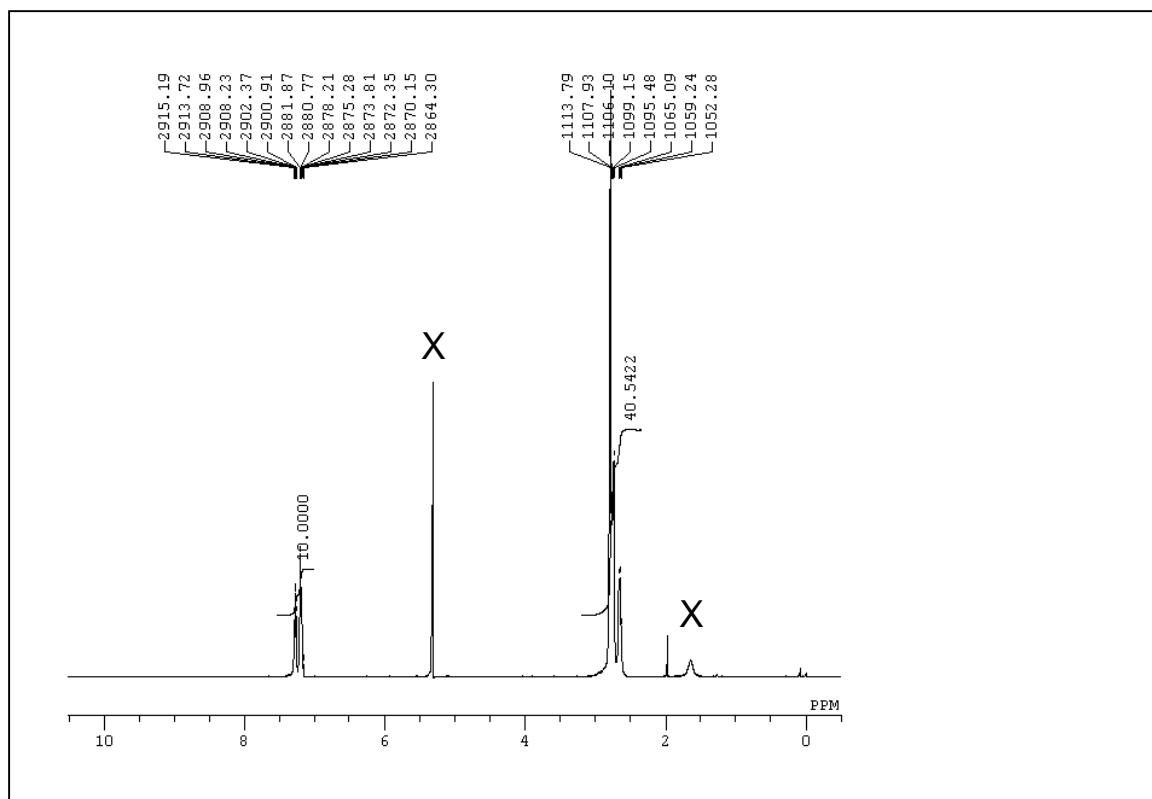
^1H NMR spectrum (400 MHz) of *N,N'*-diBoc-protected diazahexathia 24-crown-8 (**4**) (in CDCl_3).



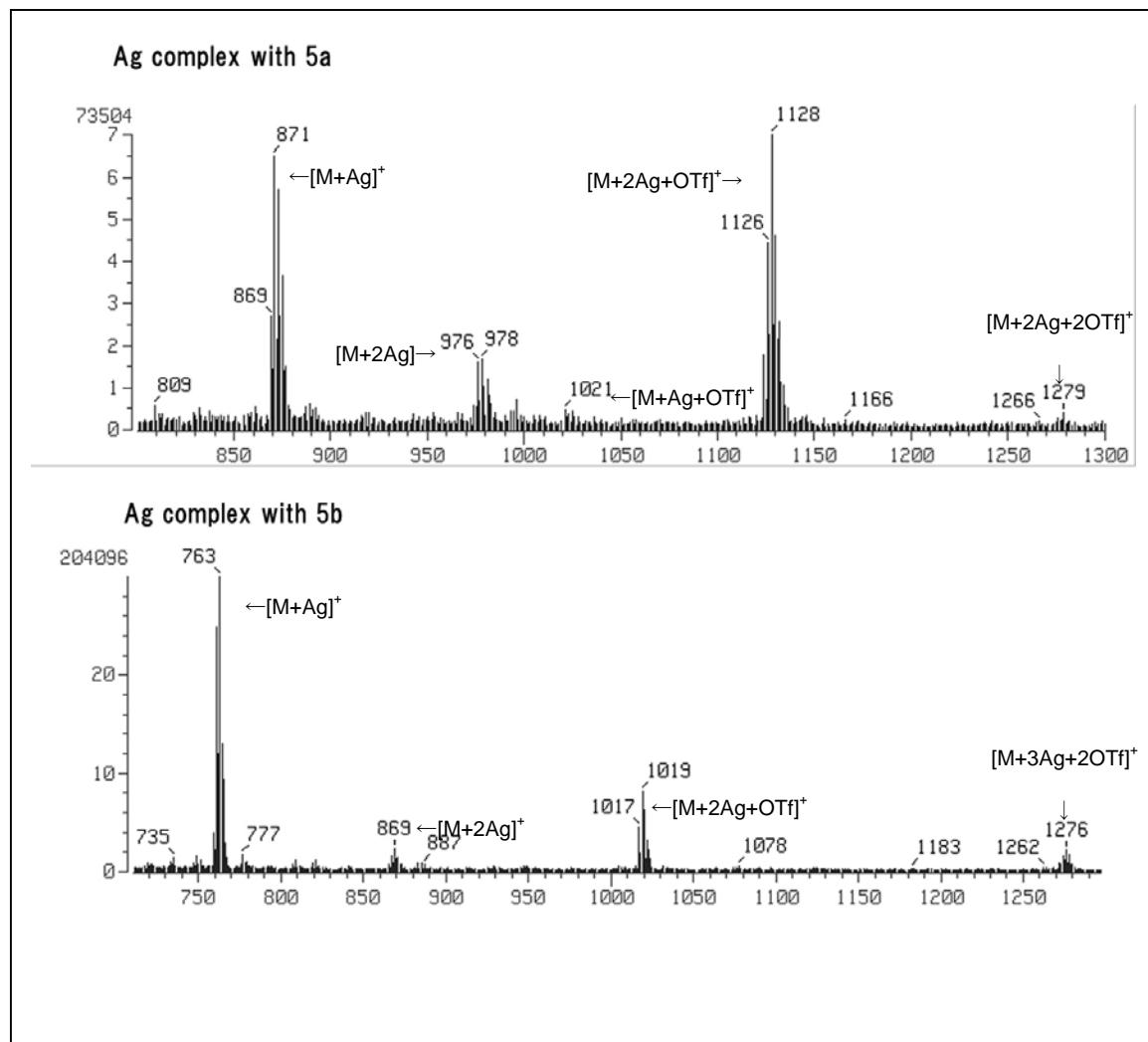
¹H NMR spectrum (400 MHz) of **5a** (in CD₂Cl₂/CD₃OD).



¹H NMR spectrum (400 MHz) of **5b** (in CD₂Cl₂/CD₃OD).



FAB MS of AgOTf complexes with **5a** and **5b** (*m*-NBA as a matrix)



ORTEP diagram of **3** (*N*-Boc-protected monoazatrithia-12-crown-4).

