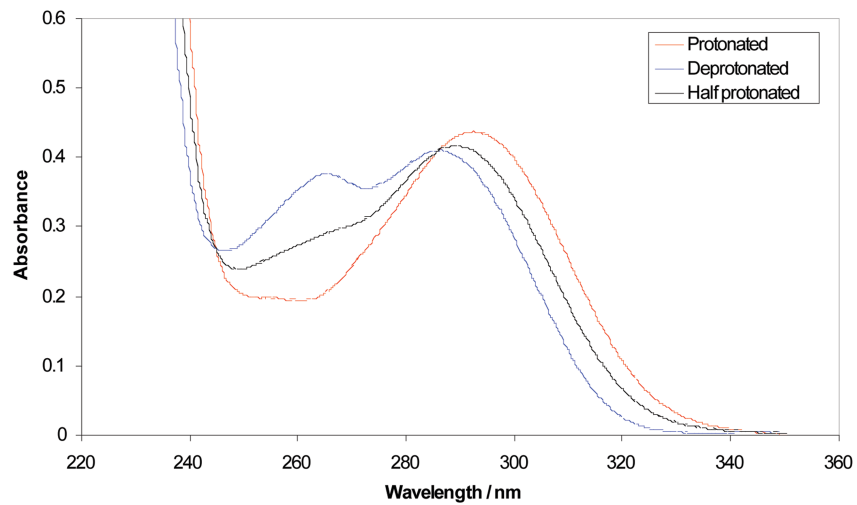
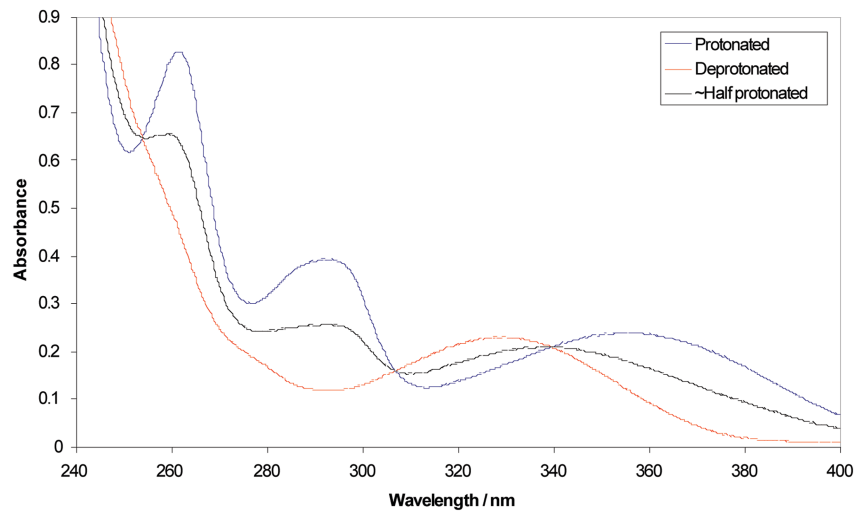
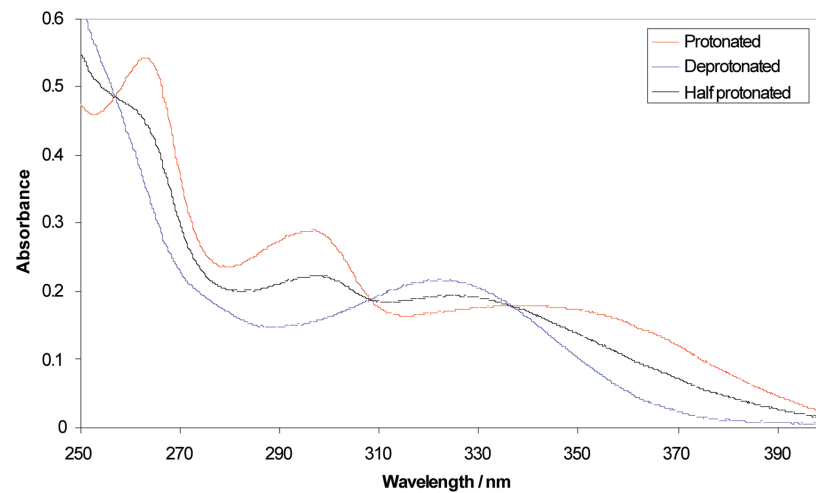
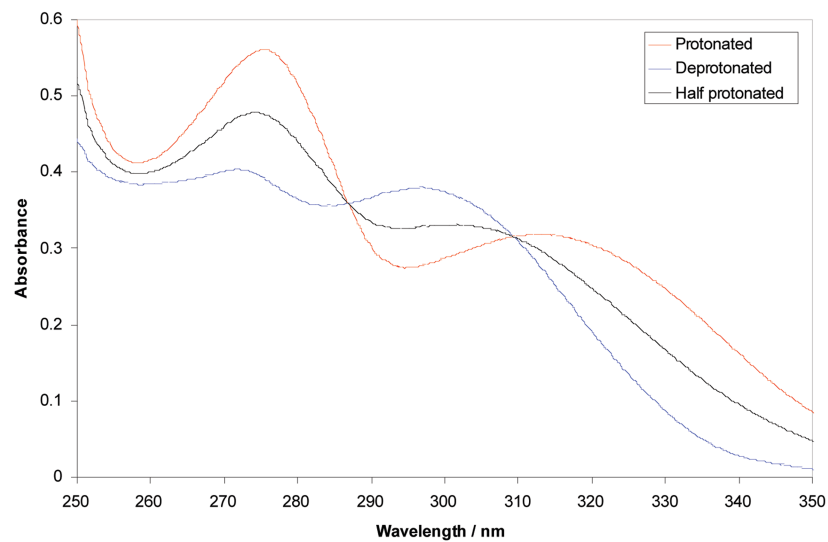
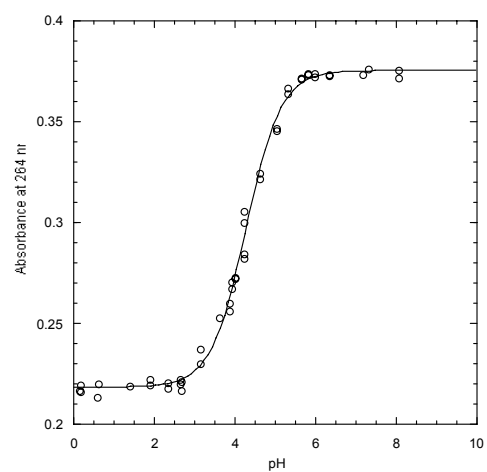
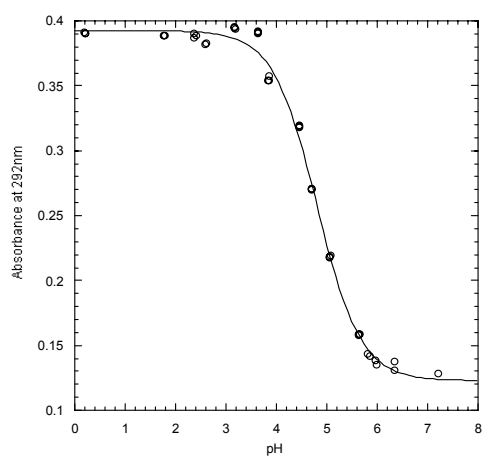
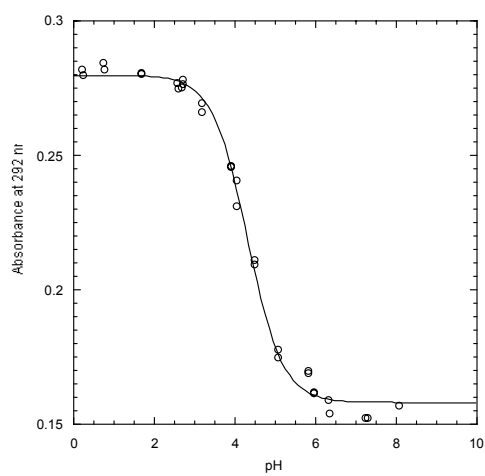
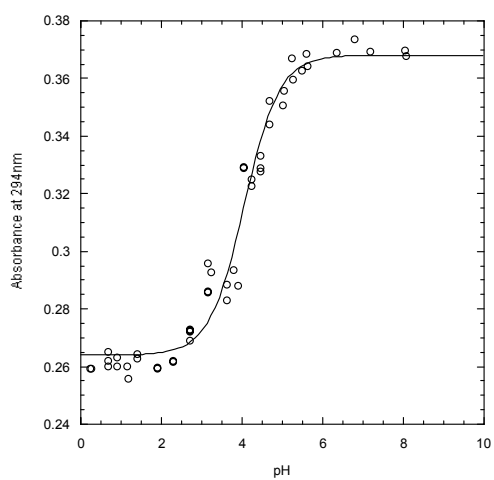


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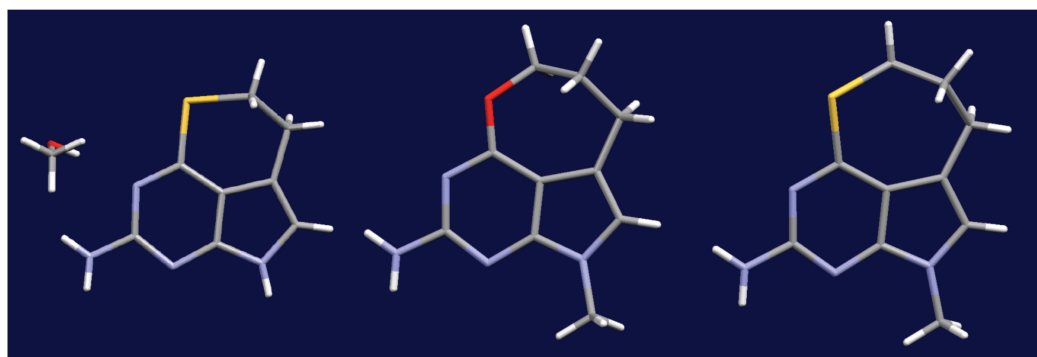
Electronic Supplementary Information



**Supplementary Figure 1:** Absorption spectra at neutral and acidic pH for compounds **5** (upper left), **6** (upper right), **7** (lower left) and 2-amino-4-methoxy-7-methyl-7H-pyrrolo[2,3-d]pyrimidine (**18**) (lower right).



**Supplementary Figure 2:** pH Titration plots for compounds **5** (upper left), **6** (upper right), **7** (lower left) and 2-amino-4-methoxy-7-methyl-7*H*-pyrrolo[2,3-*d*]pyrimidine (**18**) (lower right).



**Supplementary Figure 3:** Full colour version of Fig. 2.