

# Supporting Information

for

## **Anthracene coupled adenine for the selective sensing of copper ions**

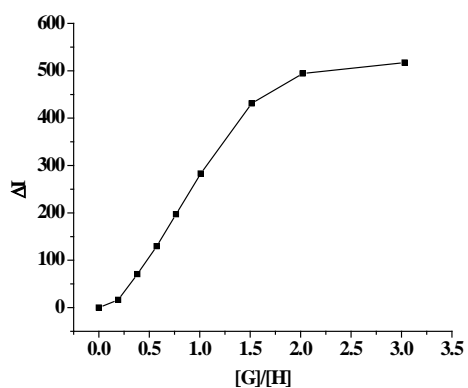
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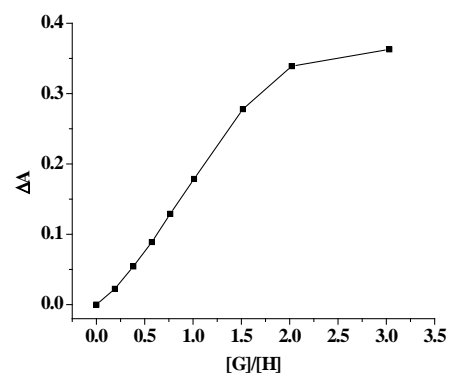
Email: Kumaresh Ghosh - ghosh\_k2003@yahoo.co.in

\* Corresponding author

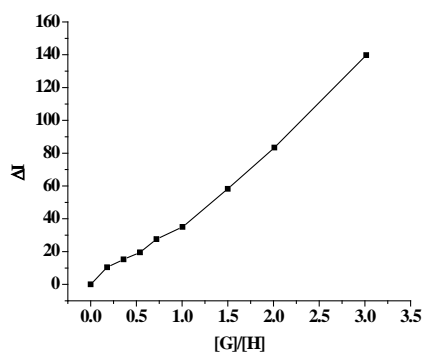
Stoichiometry curves for **1** and **2** with  $\text{Cu}^{2+}$  ions.



**Figure S1:** Stoichiometry plot for receptor **1** upon addition of  $\text{Cu}^{2+}$  ion from fluorescence.



**Figure S2:** Stoichiometry plot for receptor **1** upon addition of  $\text{Cu}^{2+}$  ion from UV.



**Figure S3:** Stoichiometry plot for receptor **2** upon addition of  $\text{Cu}^{2+}$  ion from fluorescence.