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Supplementary Information

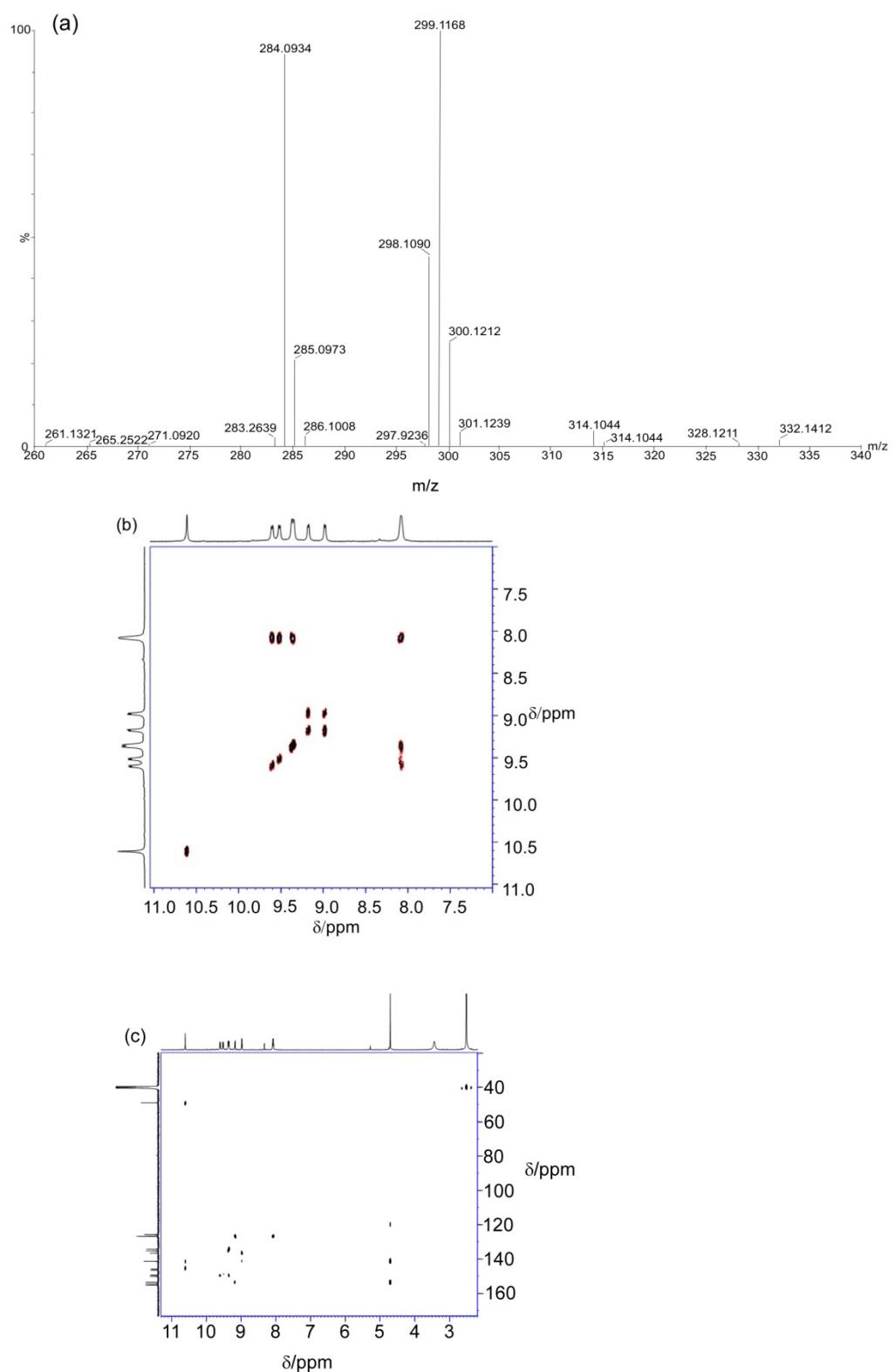
## **Supramolecular Electron Donor-Acceptor Complexes Formed by Perylene Diimide Derivative and Conjugated Phenazines**

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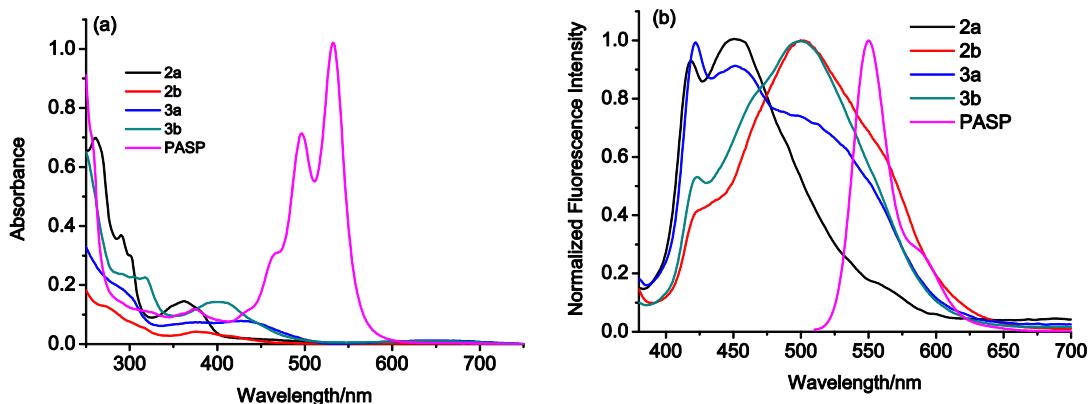
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**Fig. S1** (a) ESI-HRMS, (b) H-H cosy NMR and (c) HMBC NMR spectra of **3a**.



**Fig. S2** (a) Absorption and (b) normalized fluorescence emission spectra of **2a**, **3a**, **3b** and PASP in Tris-HCl (10 mM, pH 7.4) ( $\lambda_{\text{ex}} = 365$  nm).  $[\mathbf{2a}] = [\mathbf{3a}] = [\mathbf{3b}] = [\mathbf{PASP}] = 20$   $\mu\text{M}$ .

Table S1 Photophysical data of PASP and phenazine derivatives in Tris-HCl buffer (10 mM, pH 7.4)

Sample	$\lambda_{\text{abs}}$ (nm)	$\epsilon$ ( $\times 10^4$ L. $\text{mol}^{-1}.\text{cm}^{-1}$ )	$\lambda_{\text{em(max)}}$ (nm)	$\Phi_F^a$
PASP	465, 496, 532	1.65, 4.25, 6.60	550	0.98
<b>2a</b>	261, 290, 301, 362	3.49, 1.84, 1.5, 0.75	455	0.007
<b>2b</b>	271, 376	0.65, 0.02	503	0.10
<b>3a</b>	301, 374, 428, 649	0.81, 0.37, 0.40, 0.06	461	0.014
<b>3b</b>	248, 318, 402, 637	3.29, 1.13, 0.72, 0.05	501	0.016

<sup>a</sup> Rhodamine 6G in methanol was used as standard with a fluorescence quantum yield of  $\Phi_F = 0.94$ .<sup>1</sup>

#### Reference

1. W. Holzer, H. Gratz, T. Schmitt, A. Penzkofer, A. Costela, I. Garcia-Moreno, R. Sastre and F. J. Duarte, *Chem. Phys.*, 2000, **256**, 125-136.