

**Bifunctional fluorescent and colorimetric ‘naked eye’
arylhyazone chemosensors for Hg²⁺ and F⁻ ions detection**

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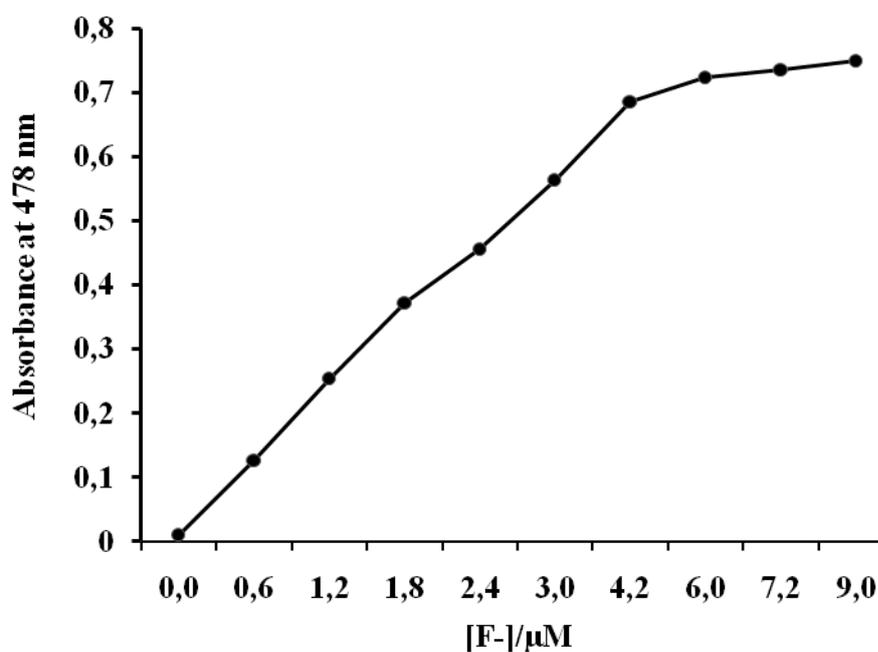


Figure S1 Dependence of optical density at 478 nm ($C_{1c} = 5.0 \cdot 10^{-5}$ M) as a function of varying of F⁻ concentration in acetonitrile solution.

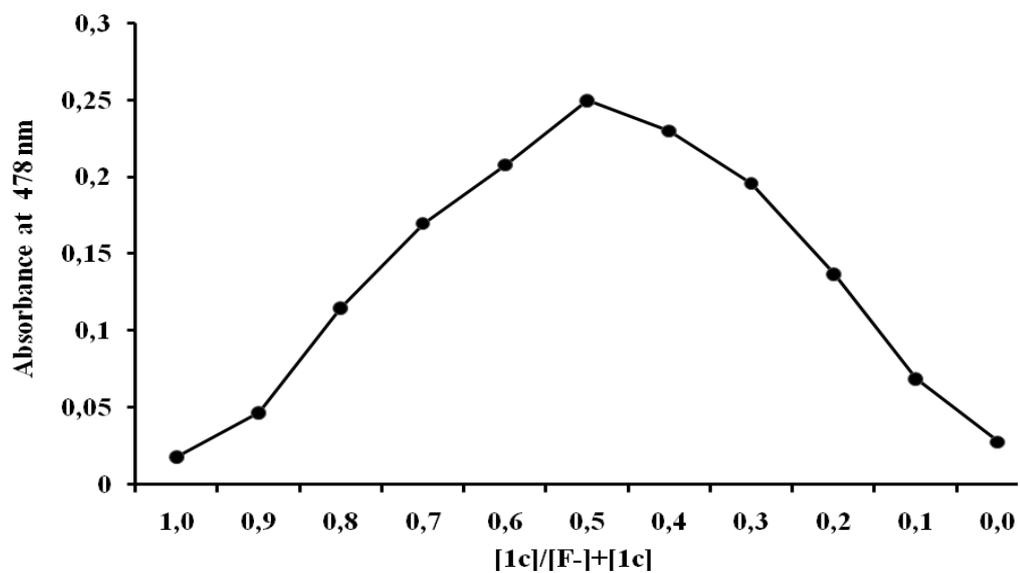


Figure S2 The Job's plot using optical density at 478 nm of **1c** and F⁻ in acetonitrile. The total concentration $[1c]+[F^-] = 4.0 \cdot 10^{-5} \text{ mol dm}^{-3}$.