

Supplementary Information to
Selective fluorometric detection of pyrophosphate by 3-hydroxyflavone-diphenyltin(IV) complex in aqueous micellar medium

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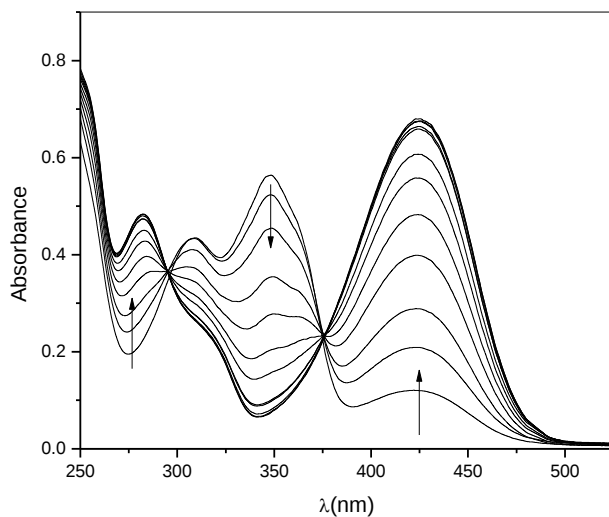


Figure 1S. Absorption spectra of 50 μM flavonol in 5 mM CTAC at variable pH 5.9-10. Arrows show the direction of spectral changes on increase in pH.

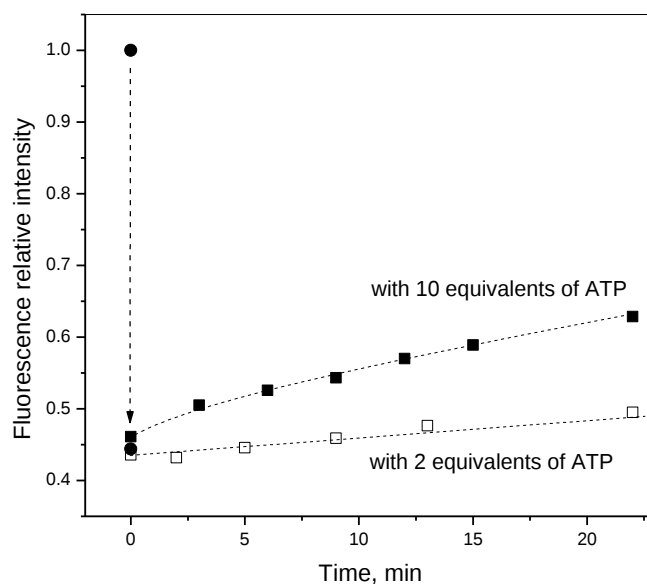


Figure 2S. Fluorometric titration of 10 μM 2 with 5 μM PPI alone (solid circles), mixture of 5 μM PPI and 10 μM ATP (open squares) and mixture of 5 μM PPI and 50 μM ATP (solid squares) in 5 mM CTAC at pH 6.5.

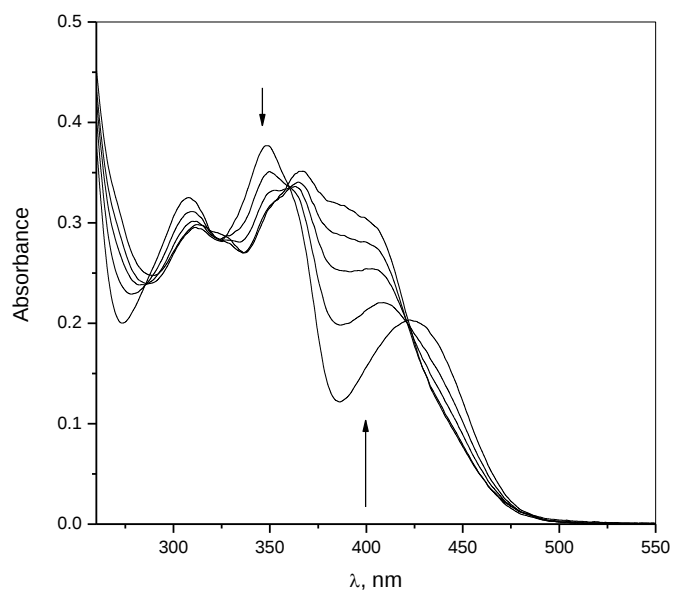


Figure 3S. Spectrophotometric titration of 40 μM flavonol by Me_2SnCl_2 in 5 mM CTAC at pH 6.5.

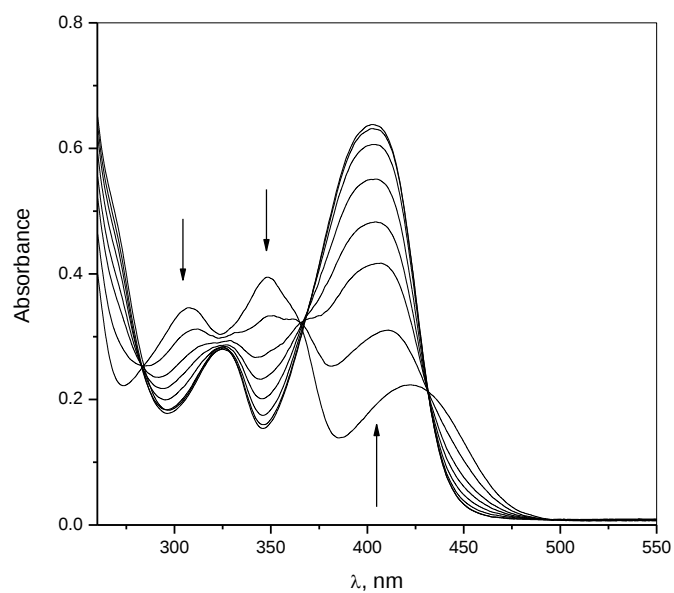


Figure 4S. Spectrophotometric titration of 40 μM flavonol by PhSnCl_3 in 5 mM CTAC at pH 6.5.

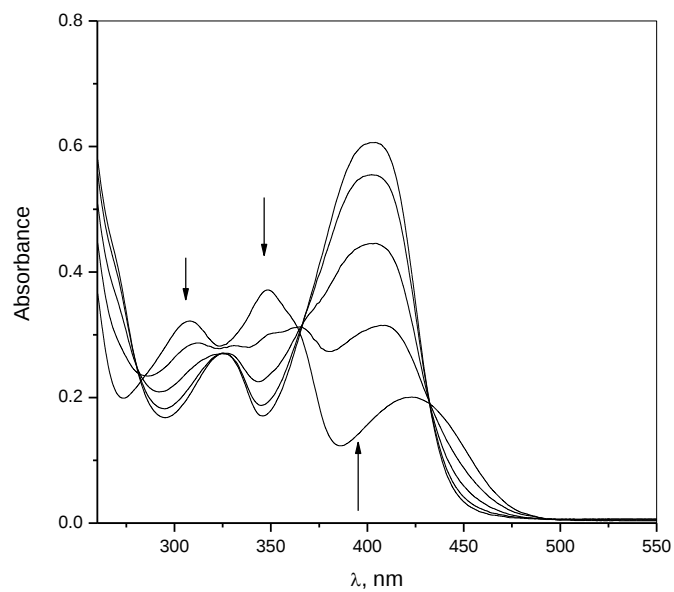


Figure 5S. Spectrophotometric titration of 40 μM flavonol by $n\text{-BuSnCl}_3$ in 5 mM CTAC at pH 6.5.