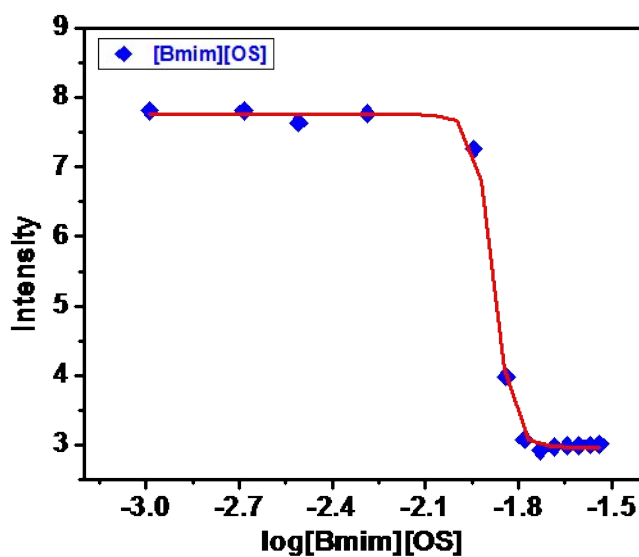


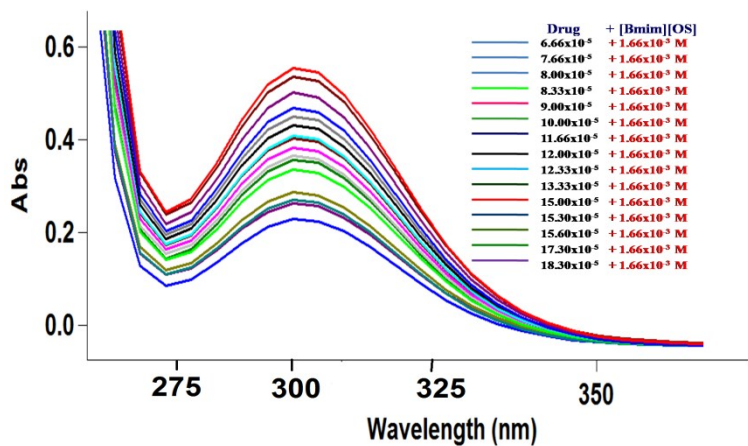
## Supporting Information (S)

**Fig. S1** PyCHO (1 $\mu$ M) intensity versus log [Bmim][OS] (M) at ambient conditions ( $\lambda_{\text{max}} = 367$  nm and slit width 5nm)

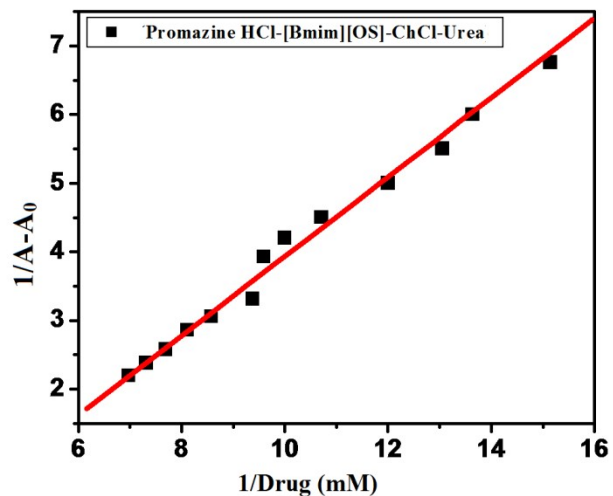
**Fig. S2** Absorption spectra of PH with increasing concentration of (A) Drugs-[Bmim][OS]-ChCl-Urea and (B) Benesi-Hildebrand plot using changes in absorption spectra of Drugs-[Bmim][OS]-ChCl-Urea.



**Fig. S1** PyCHO (1 $\mu$ M) intensity versus log [Bmim][OS] (M) at ambient conditions ( $\lambda_{\text{max}} = 367$  nm and slit width 5nm)



[A]



[B]

**Fig. S2** Absorption spectra of PH with increasing concentration of (A) Drugs-[Bmim][OS]-ChCl-Urea and (B) Benesi-Hildebrand plot using changes in absorption spectra of Drugs-[Bmim][OS]-ChCl-Urea.