

Supplementary Data

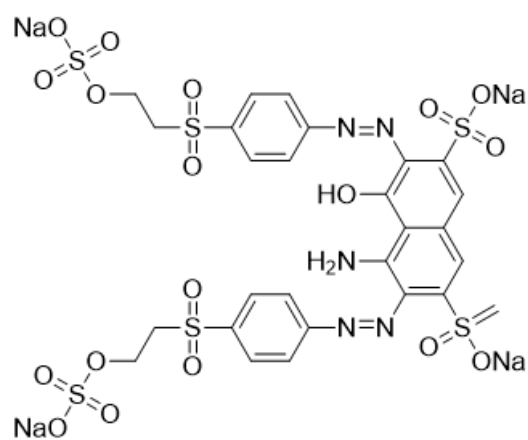


Figure S1. The structural formula of RB5.

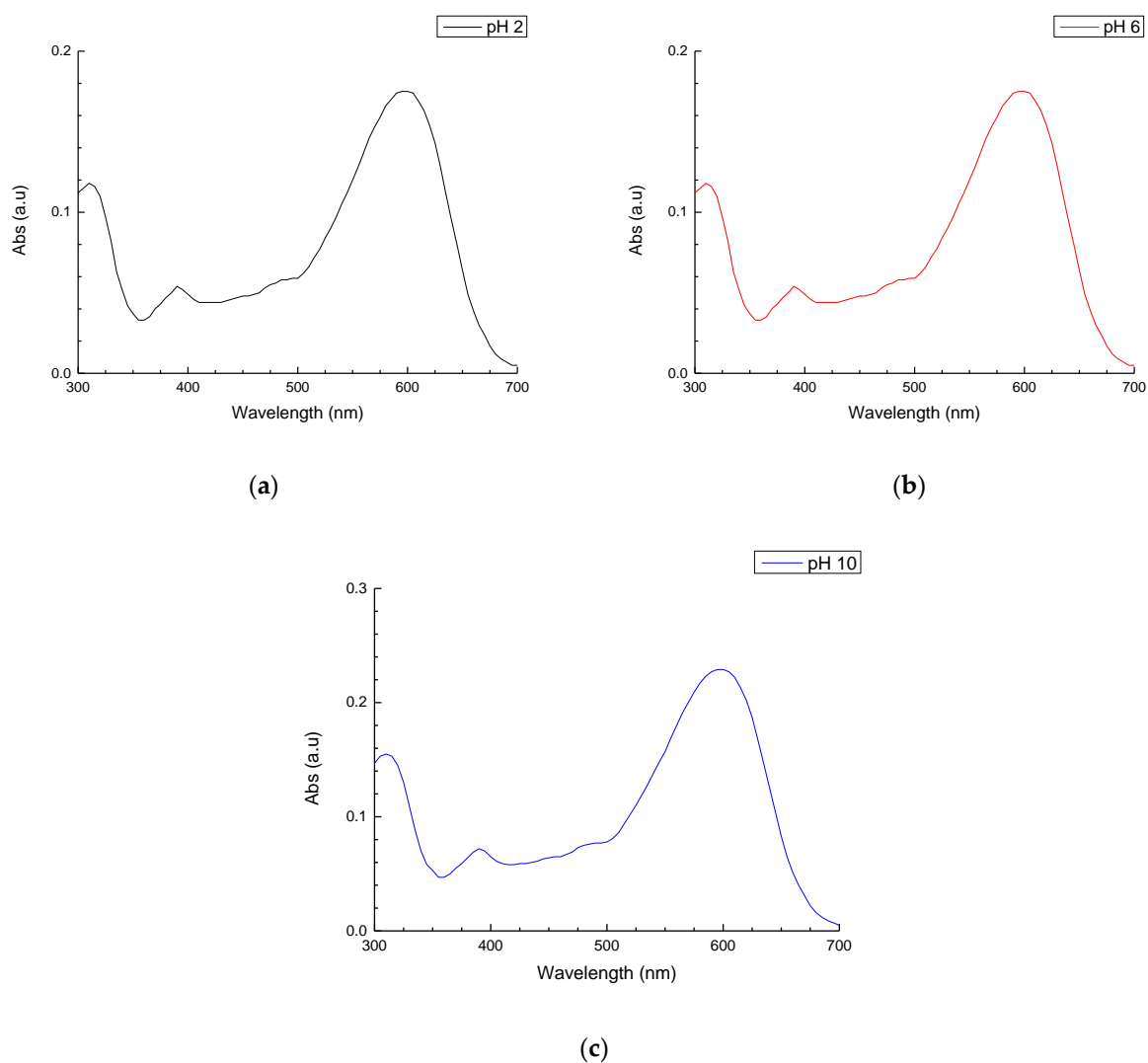
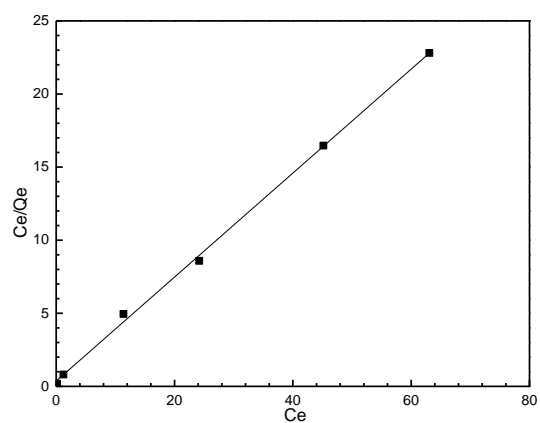
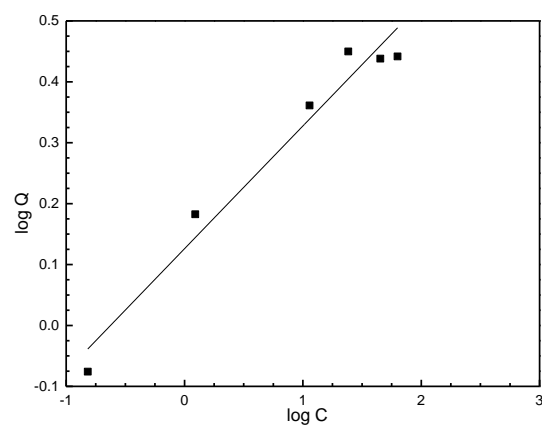


Figure S2. UV-Vis absorption spectra of RB5 at (a) pH 2, (b) pH 6, and (c) pH 10.



(a)



(b)

Figure S3. Adsorption isotherms for adsorption of RB5 on UBC (a) Langmuir and (b) Freundlich.