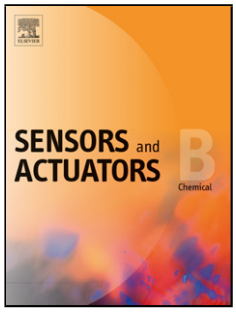

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Ratiometric fluorescence sensors for the detection of HPO_4^{2-} and $H_2PO_4^-$ using different responses of the morin-hydrotalcite complex

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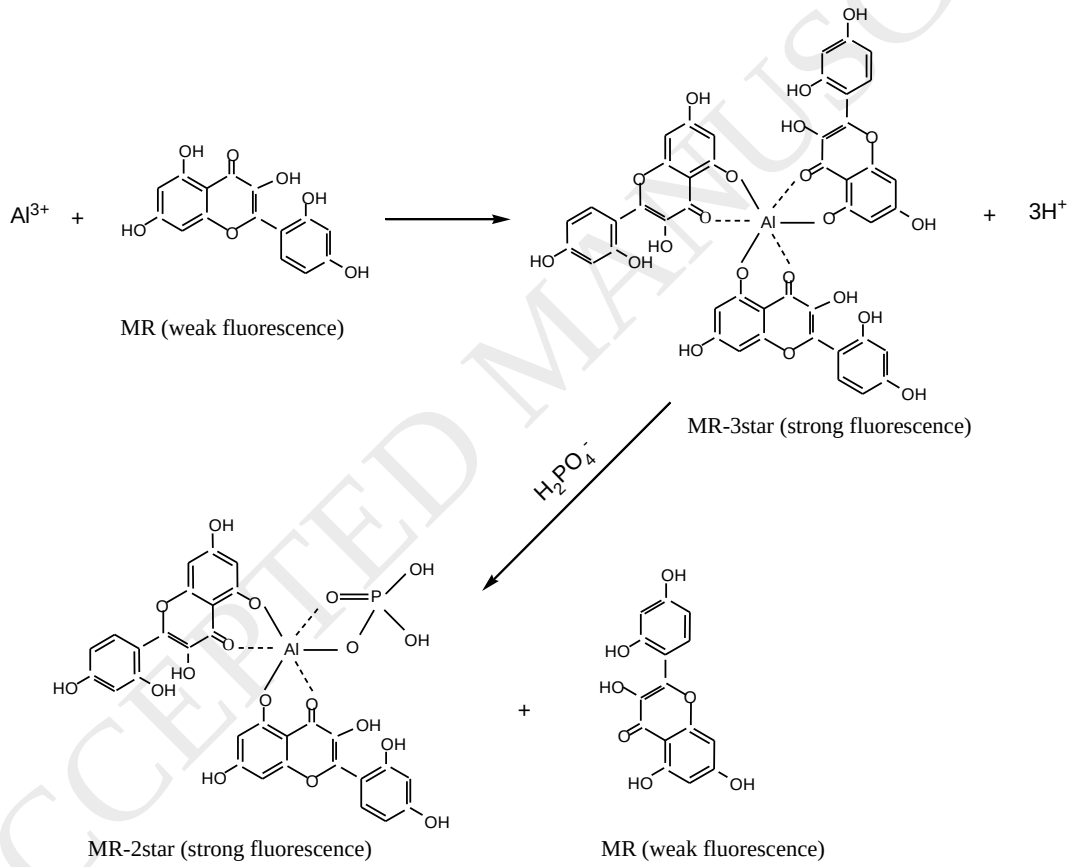
Graphical Abstract



Highlights

- Fabrication of fluorescent phosphate ion-sensing membranes using morin (MR)-hydrotalcite (HT) complex
- Immobilization of the MR-HT complex onto polyuretha and nafion membrane