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Authors: Hong Dinh Duong, Jong Il Rhee



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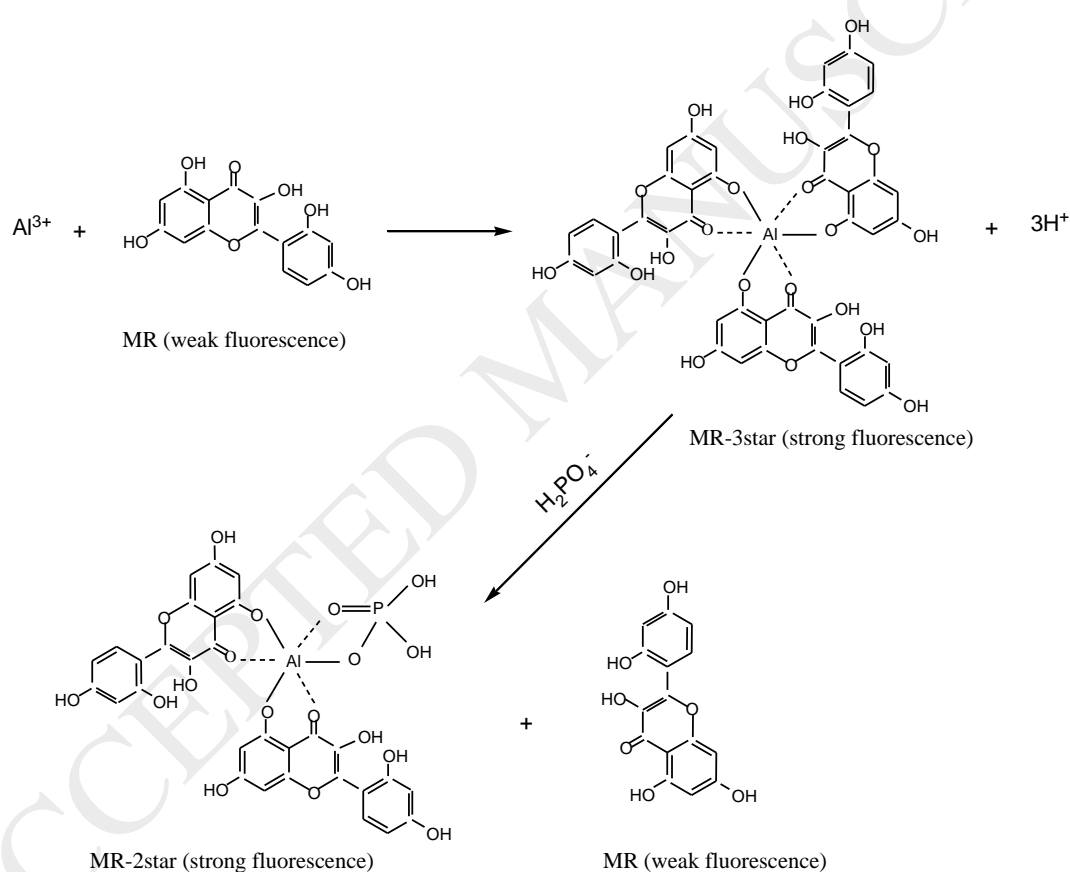
# Ratiometric fluorescence sensors for the detection of $\text{HPO}_4^{2-}$ and $\text{H}_2\text{PO}_4^-$ using different responses of the morin-hydrotalcite complex

Hong Dinh Duong, Jong Il Rhee\*

School of Chemical Engineering, Chonnam National University,

Yong-Bong Ro 77, 61186 Gwangju, Republic of Korea

## 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

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