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Highly Selective Colorimetric Fluorescent Sensor for Pb²⁺

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In Scheme 1 of the original article,[1] the top left structure is missing a C=N bond in the right-hand ring; the correct Scheme 1 is shown below.

$$\begin{array}{c} (i) \\ N \end{array}$$

$$\begin{array}{c} (i) \\ N \end{array}$$

$$\begin{array}{c} (ii) \\ R \end{array}$$

$$\begin{array}{c} (iii) \\ OEt \end{array}$$

$$R \xrightarrow{O} OEt \xrightarrow{(iii)} R \xrightarrow{N-NH_2} R$$

$$A + C \xrightarrow{\text{(iv)}} \text{Receptor 1, R = NO}_2$$

$$\text{Receptor 2, R = H}$$

Scheme 1. Reagents and conditions: (i) H₂SO₄, HNO₃, 80 °C; (ii) dry ethanol, reflux, 12 h; (iii) hydrazine hydrate, ethanol, reflux, 2 h; (iv) dry methanol, room temp.

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