Supporting Information

A turn-on fluorescence sensor for highly selective detection of Al\(^{3+}\) based on diarylethene and its application by test strips

Junfei Lv, Yinglong Fu, Gang, Liu, Congbin Fan* and Shouzhi Pu*

Jiangxi Key Laboratory of Organic Chemistry, Jiangxi Science and Technology Normal University, Nanchang 330013, PR China

*Corresponding authors. Tel./fax: +0791 83805212 (C. Fan), +86 791 83831996 (S. Pu).

E-mail: congbinfan@163.com (C. Fan), pushouzhi@tsinghua.org.cn (S. Pu).

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Figure S7. The limit of detection (LOD) for Al$^{3+}$ was $1.24 \times 10^{-5}$ mol L$^{-1}$. 

$$Y = 137.80714 \times X + 151$$

$$R = 0.98815$$
Figure S8. Fluorescence photos of Al$^{3+}$ at different concentrations.