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An Unconventional Chromophore in Water-soluble Polysiloxanes Synthesized via Thiol-ene Reaction for Metal Ion Detection

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Graphical Abstracts

Water-soluble polysiloxanes synthesized via thiol-ene click reaction show unexpected blue fluorescence for the novel unconventional chromophores Si-S coordination bonds, which can be used as chemosensor for Hg^{2+} and Fe^{3+} .

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