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Multi-stimuli-responsive fluorescent switching properties of anthracene-substituted acylhydrazone derivative

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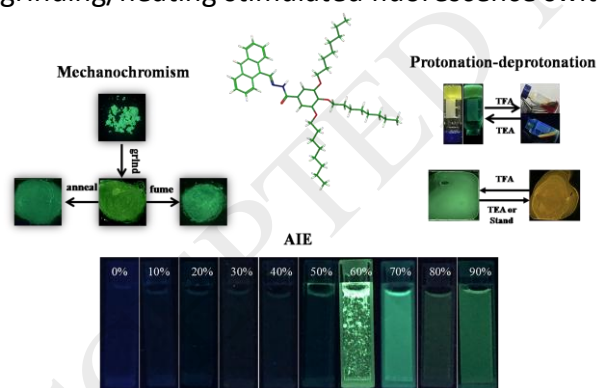
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Graphical abstract

The AIE-active **AHP-T8** exhibits remarkable and reversible acid/base and grinding/heating stimulated fluorescence switching properties.



Highlights

- Anthracene-substituted acylhydrazone derivative (**AHP-T8**) shows aggregation-induced emission behavior.
- The **AHP-T8** exhibits mechanofluorochromism in that grinding and heating/fuming could change the emission colors.

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