

Supplementary information

A novel berberine-based colorimetric and fluorimetric probe for hydrazine detection

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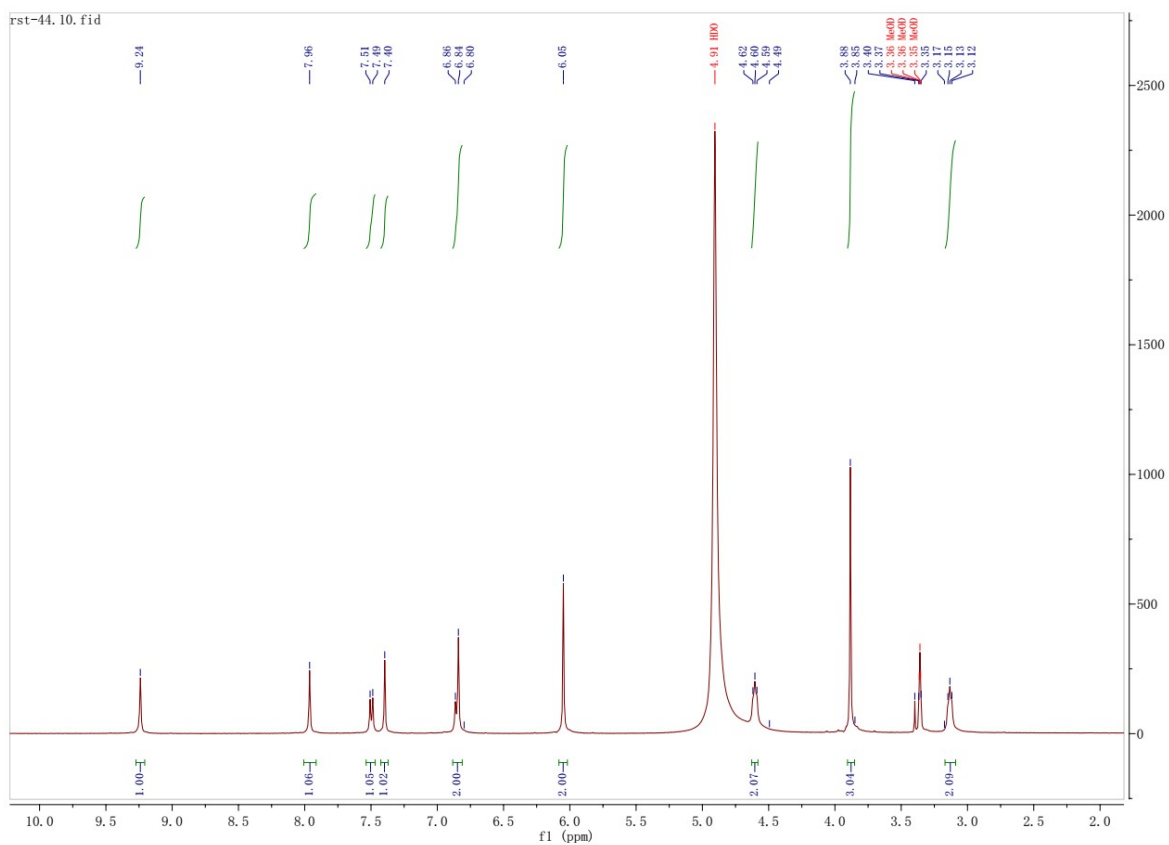
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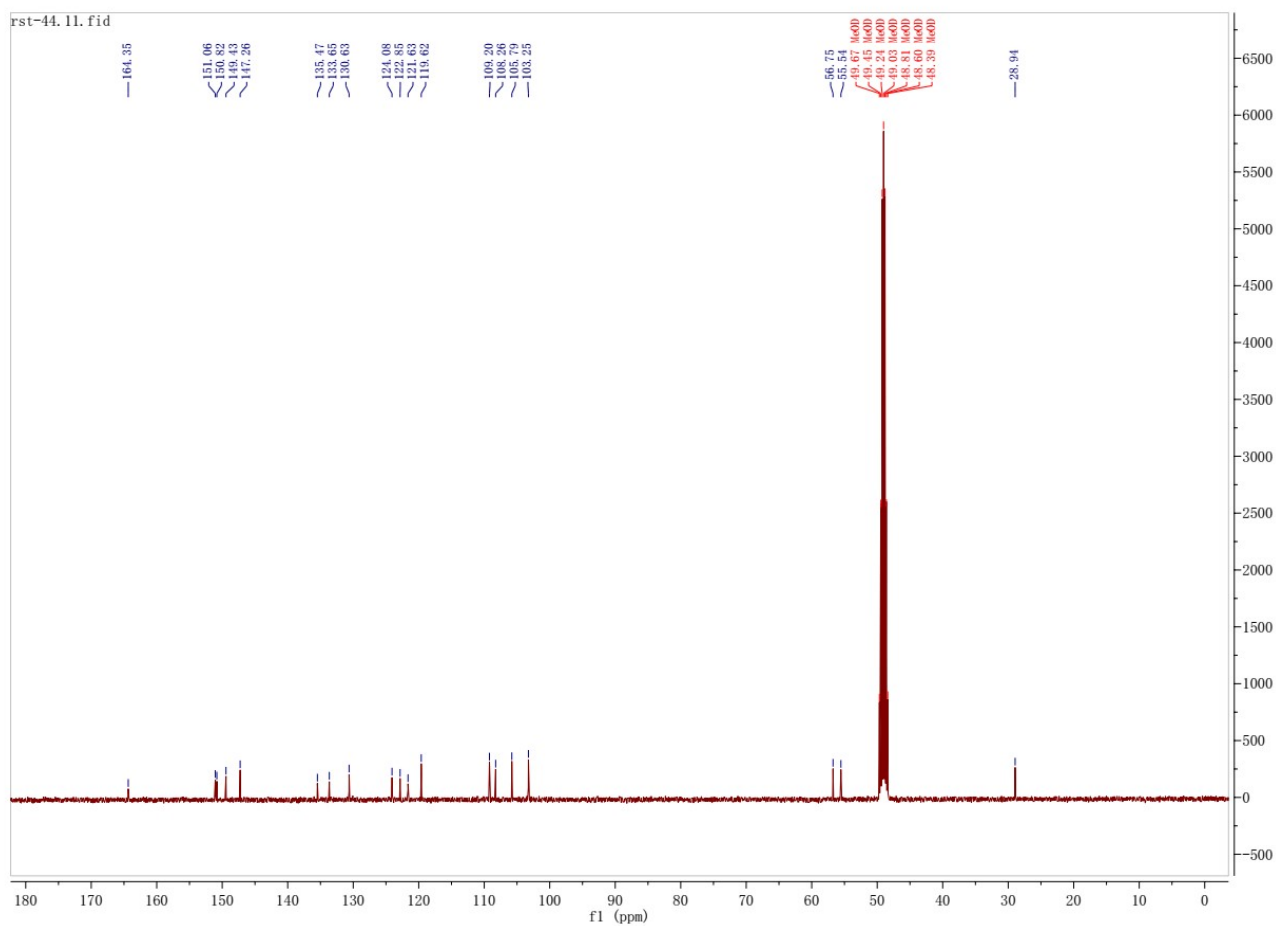
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^1H NMR spectra and ^{13}C NMR spectra for compounds.

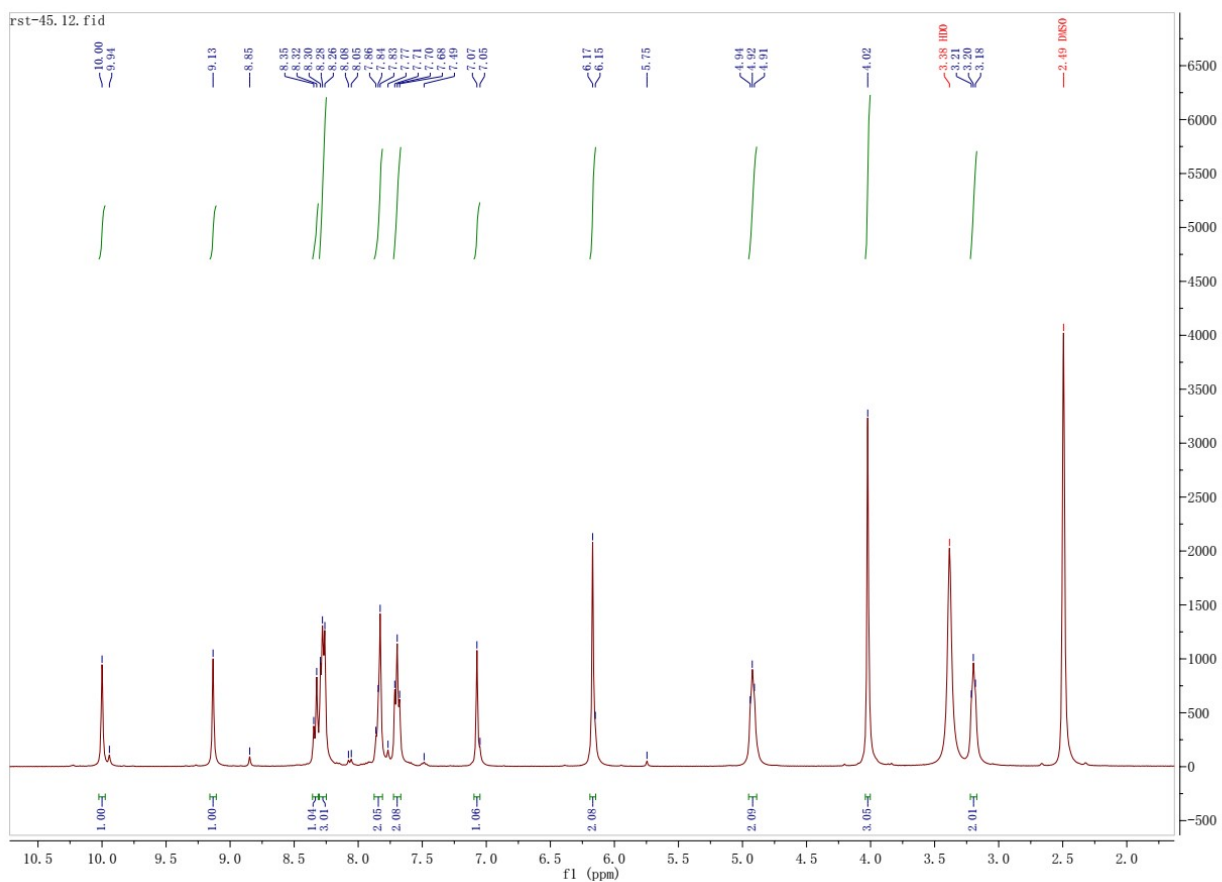
^1H NMR spectra of compound 2:



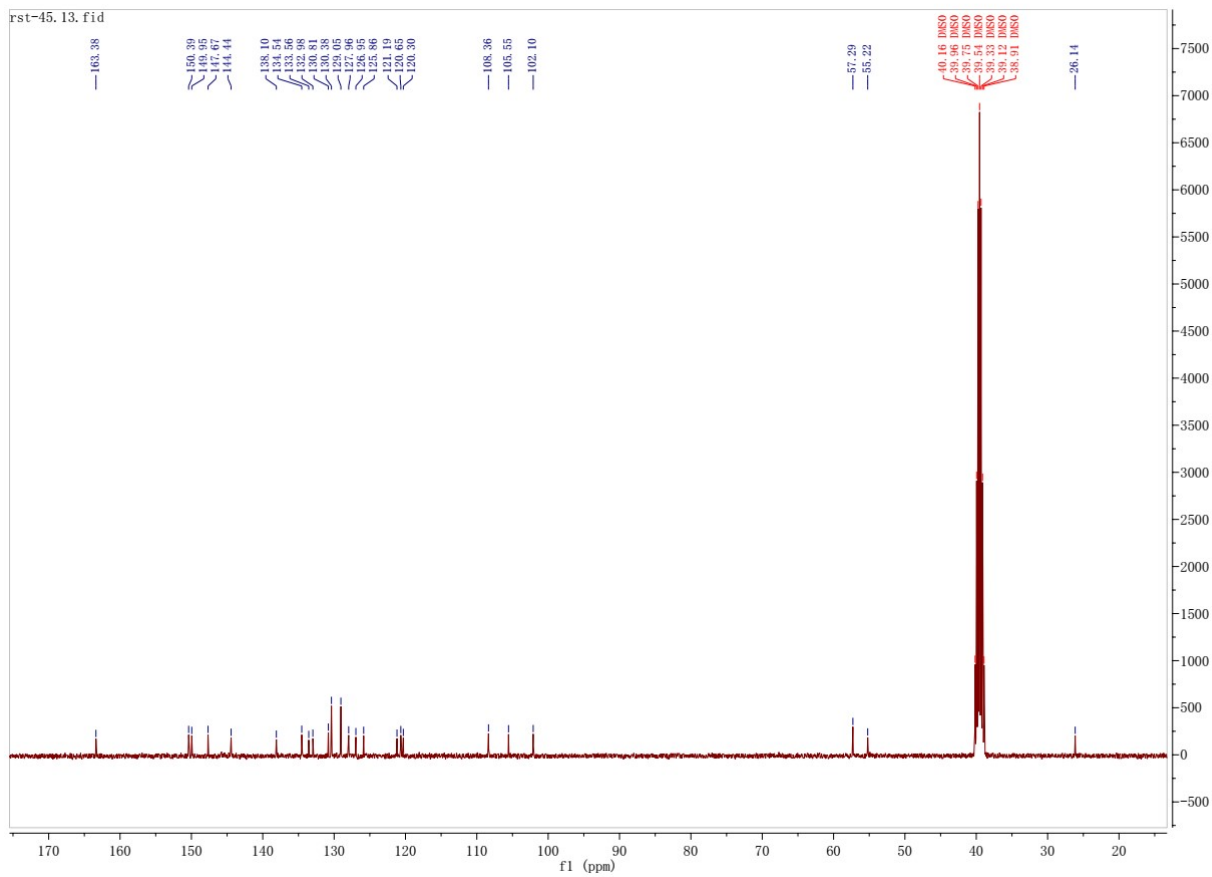
¹³C NMR spectra of compound 2:



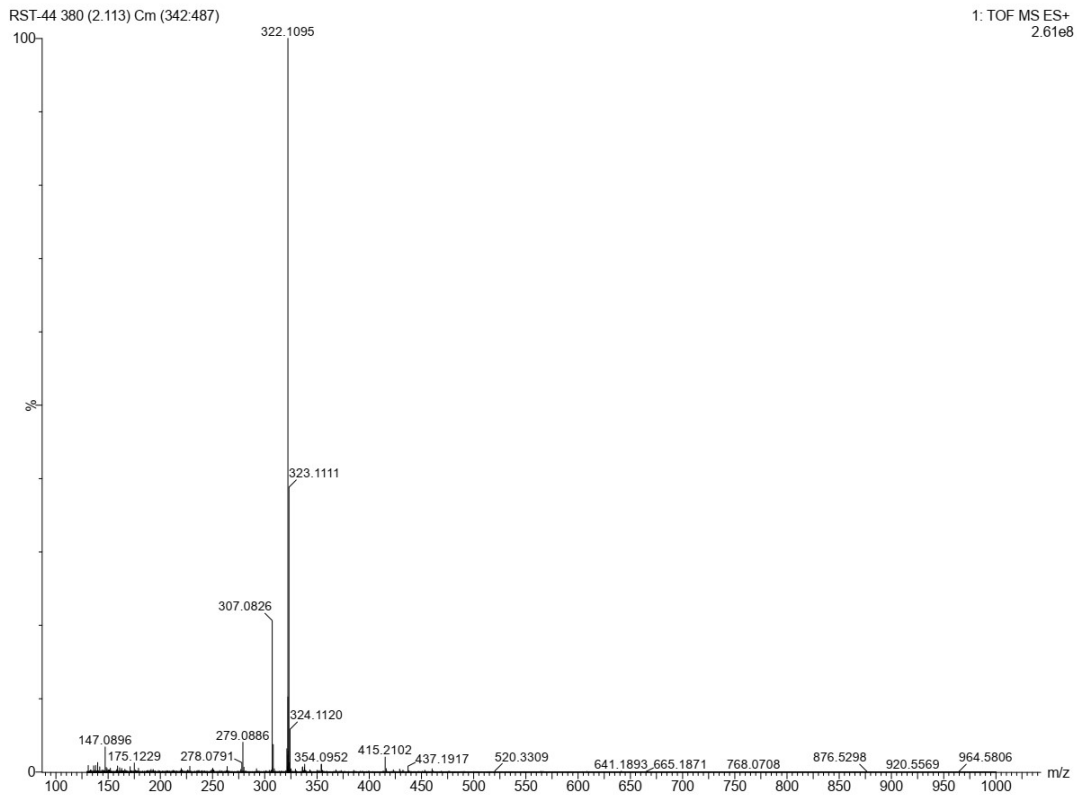
¹H NMR spectra of BP:



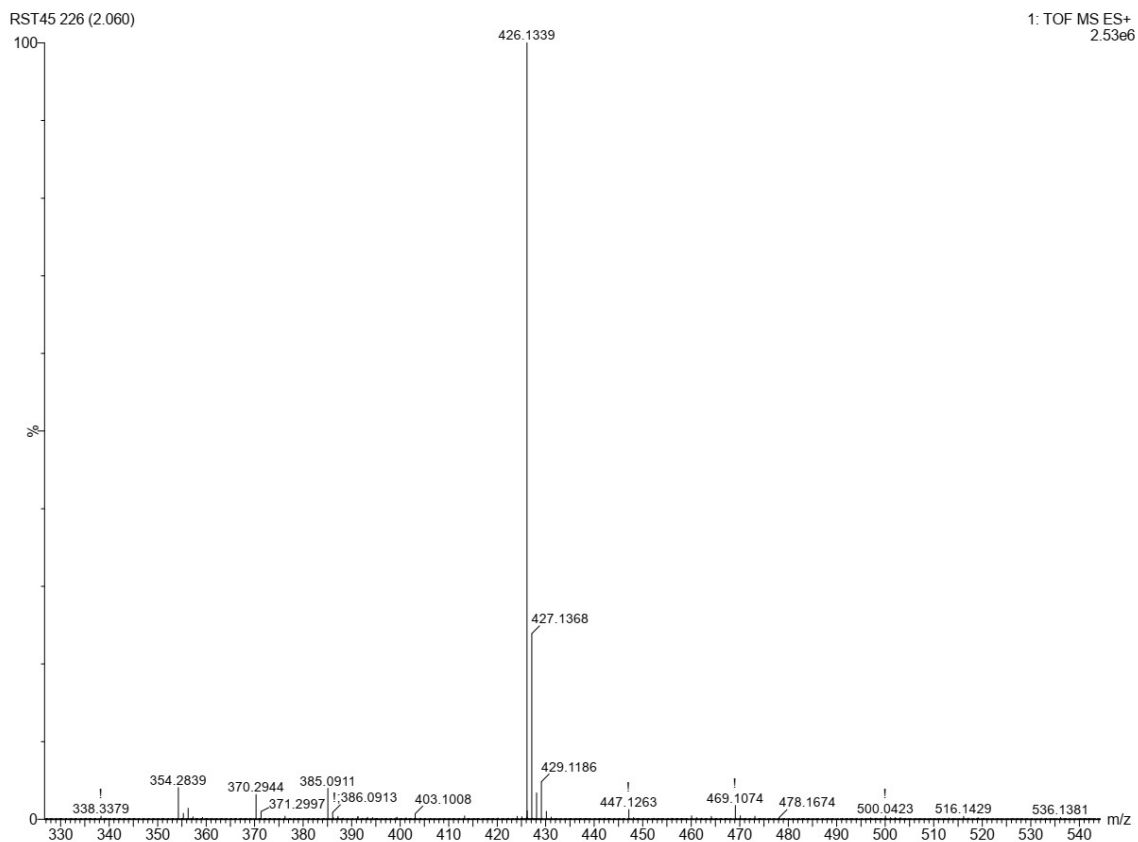
¹³C NMR spectra of BP:



HR-MS of Compound 2:



HR-MS of BP:



HR-MS of BP+N₂H₄

