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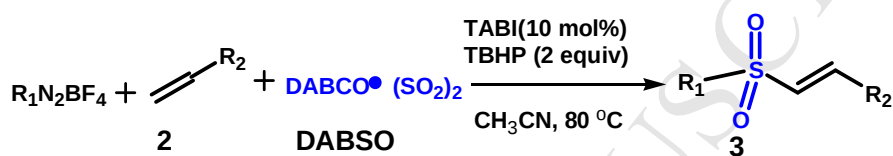
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## Graphical Abstract

# An Efficient One-pot, Three-Component Synthesis of Vinyl Sulfones via Iodide-catalyzed Radical Alkenylation

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An efficient one-pot, three-component synthesis of vinyl sulfones via iodide-catalyzed radical alkenylation using aryl diazonium salts, terminal alkenes and DABSO is reported. This protocol offers good yields and tolerates a broad range of functional groups. Based on the extensive control experiments, we propose a plausible radical mechanism.

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