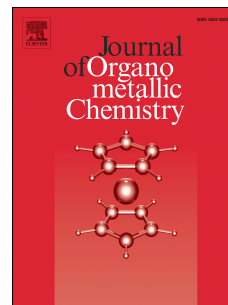


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Synthesis, characterization, and solid-state polymerization properties of two diacetylene derivatives containing phenyl ferrocene

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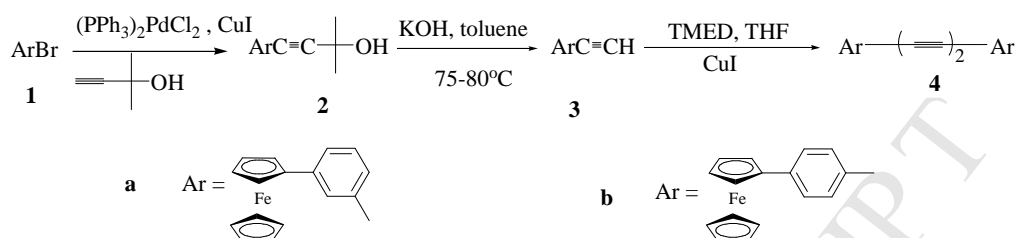
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Graphic Abstract



Two diacetylene complexes, 1,4-bis(3-ferrocenylphenyl)-1,3-butadiyne (**4a**) and 1,4-bis(4-ferrocenylphenyl)-1,3-butadiyne (**4b**), have been prepared. The solid-state polymerization properties of **4a** and **4b** were also investigated.

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