



Synthesis and electrochemical behavior of a model redox-active thiacalix[4]arene-tetrathiafulvalene assembly

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Titre	Synthesis and electrochemical behavior of a model redox-active thiacalix[4]arene-tetrathiafulvalene assembly
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Auteur	Zhao, Bang-Tun [1], Zhou, Zhen [2], Yan, Zhen-Ning [3], Belhadj, Esmah [4], Le Derf, Franck [5], Sallé, Marc [6]
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Résumé en anglais	Syntheses of the first bithiacalix[4]arenes systems bridged by a tetrathiafulvalene (TTF) framework have been carried out through triethyl phosphite-mediated dechalcogenation dimerization of the corresponding 1,3-dithiole-2-ones. The cyclic voltammograms of the resulting bithiacalix[4]arenes tethered by an electroactive TTF unit are provided, and exhibit an electrochemical response in the case of introduction of Ag ⁺ .
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Liens

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