



Electroactive Tetrathiafulvalenyl-1,2,3-triazoles by Click Chemistry: Cu- versus Ru-Catalyzed Azide-Alkyne Cycloaddition Isomers

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Résumé en anglais	Two series of 4- and 5-tetrathiafulvalenyl-1,2,3-triazoles, as multifunctional ligands and precursors for molecular materials, have been synthesized by copper- or ruthenium-based click chemistry. The solid-state structures of three ligands and two CuII complexes were determined. Large differences in the electron-donating properties between the 1,4- and 1,5-isomers were evidenced by cyclic voltammetry. Theoretical calculations support this observation and allow the assignment of the electronic transitions observed in UV/Vis spectra of the ligands.
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Liens

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