

Alternative Method for the Preparation of 4,5-Ethylenedithio-1,3-dithiole-2-thione and Related Compounds

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Cycloaddition, Thiones, π -Donor Molecules,
Organic Conductors

The compounds 4,5-ethylenedithio-1,3-dithiole-2-thione, 4,5-(methyl) ethylenedithio-1,3-dithiole-2-thione and 4,5 (dimethyl) ethylenedithio-1,3-dithiole-2-thione were prepared by reaction of 1,3-dithiole-2,4,5-trithione with ethylene, propylene and *trans*-2-butene, respectively. The preparative and spectroscopic data are identical with those obtained from the corresponding authentic samples.