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SYNTHESIS AND X-RAY INVESTIGATION OF CYCLO-TETRA- /(THIENYLEN-2,5)- DISULFIDE/ - POTENTIAL CRYPTATE

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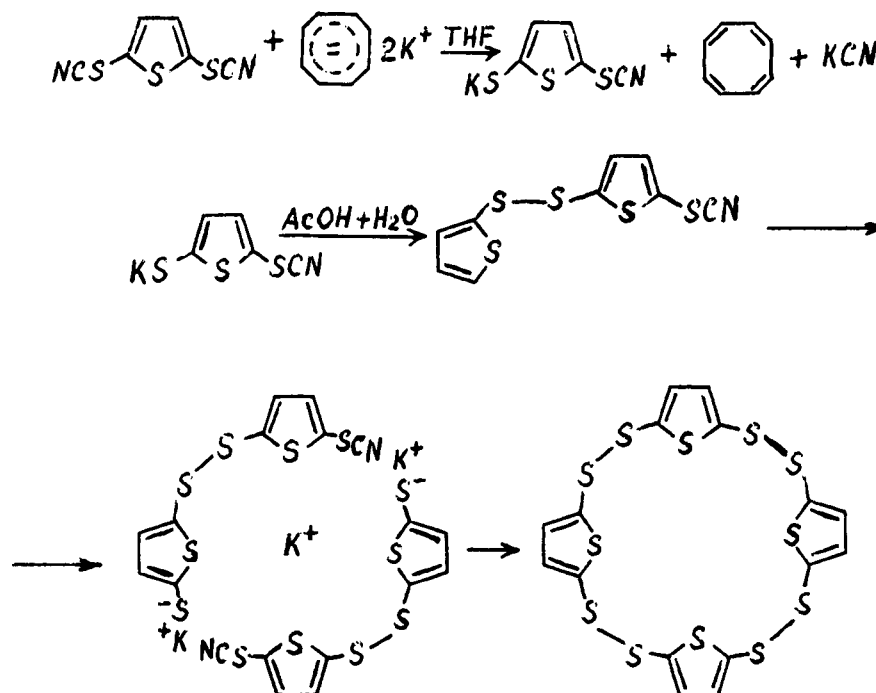
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SYNTHESIS AND X-RAY INVESTIGATION OF CYCLO-TETRA-/(THIENYLEN-2,5)-DISULFIDE/ - POTENTIAL CRYPTATE

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The synthesis of the new potential cryptate - cyclo-tetra-/(thienylen-2,5)-disulfide/ was fulfilled according to the following scheme:



The formation of the cyclic product was proved by an X-ray analysis, its results are reproduced in the figure. With the help of PMR spectra we established a possibility of rotation around disulfidic bonds in solutions in such a manner that thienylic sulfur atoms remain fixed inside the macrocycle. A

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