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SYNTHESIS OF NEW 1, 2-DITHIOLE-3-THIONES. HAVING SCHISTOSOMICIDAL PROPERTIES

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SYNTHESIS OF NEW 1,2-DITHIOLE-3-THIONES•HAVING SCHISTOSOMICIDAL PROPERTIES

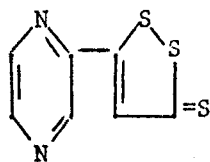
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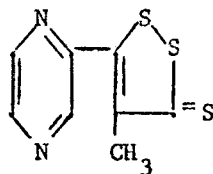
5-pyrazinyl-1,2-dithiole-3-thione (I) has shown a good schistosomicidal activity on mice and monkeys.

On the basis of stereochemical and biological statements, some related compounds have been synthesized. Among them, 4-methyl-5-pyrazinyl-1,2-dithiole-3-thione (II : 35 972 R.P.) is one of the most potent and has been selected for further studies.

The synthesis of these compounds is described.



(I)



(II : 35 972 R.P.)