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### THE PURSUIT AND CAPTURE OF SOME ELUSIVE ORGANOSULFUR MOLECULES

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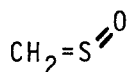
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## THE PURSUIT AND CAPTURE OF SOME ELUSIVE ORGANOSULFUR MOLECULES

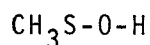
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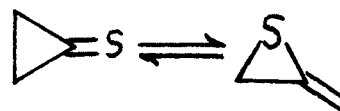
The use of flash vacuum pyrolysis-mass spectrometry, -microwave spectroscopy, and -photoelectron spectroscopy greatly facilitates the detailed study of such elusive molecules as sulfine (1), methanesulfenic acid (2), and cyclopropanethione valence tautomers (3). A brief description of the techniques used will be followed by a summary of some notable results achieved in our laboratories.



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