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**AIR MAIL**



UNITED STATES DEPARTMENT OF COMMERCE  
National Institute of Standards and Technology  
Gaithersburg, Maryland 20899-0001

January 30, 1997

Dear Microwave Spectroscopist:

Contributions are requested to the "Microwave Spectroscopy Newsletter XXXIX. The intent is to collect a list of molecules on which various laboratories are carrying out experimental gas phase microwave spectroscopic studies. These will be collected into one letter and distributed to those who have contributed. If you contribute to this list, it should be with the understanding that this has no bearing on priority and that anyone is free to use the information contained in it. Further, it is understood that substantial work has been accomplished on each molecule and that when a compound appears in the list, it is not simply an idea or a substance on which some brief preliminary studies have been made. Substantial progress means that at least the spectrum has been observed and assigned.

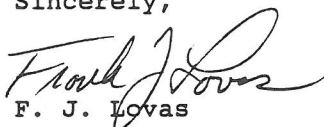
Because of the length of the newsletter, we will simply reproduce your contribution as you send it. Thus, I hope that you will take some extra effort to insure that your form is accurate and suitable for reproduction. Please follow the format shown below for both the initial page and for any continuation pages and do not use page numbers. In particular, please adhere to the format for headings and keep the same margins and column spacings on continuation pages. Also, in addition to the empirical formula, please include the structural formula in parentheses, if it is not obvious, as well as the name of the compound.

Enclosed is a form that may be used for your contribution. Contributions should be mailed to:

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ALL CONTRIBUTIONS SHOULD BE RECEIVED BY MARCH 15, 1997.

Sincerely,



F. J. Lovas

Enclosures

NIST