

Alfred Bader Fonds

Correspondence

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QUEEN'S UNIVERSITY ARCHIVES	
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13 April 2000

Drs Alfred and Isabel Bader
924 East Juneau Avenue
Astor Hotel – Suite 622
Milwaukee
Wisconsin 53202
USA

DEPARTMENT of CHEMISTRY

The University of Edinburgh
King's Buildings
West Mains Road
Edinburgh EH9 3JJ

Fax 0131 650 4743

Telex 727442 (UNIVED G)

Email

Telephone 0131 650 1000

or direct dial 0131 650

Dear Drs Alfred and Isabel Bader

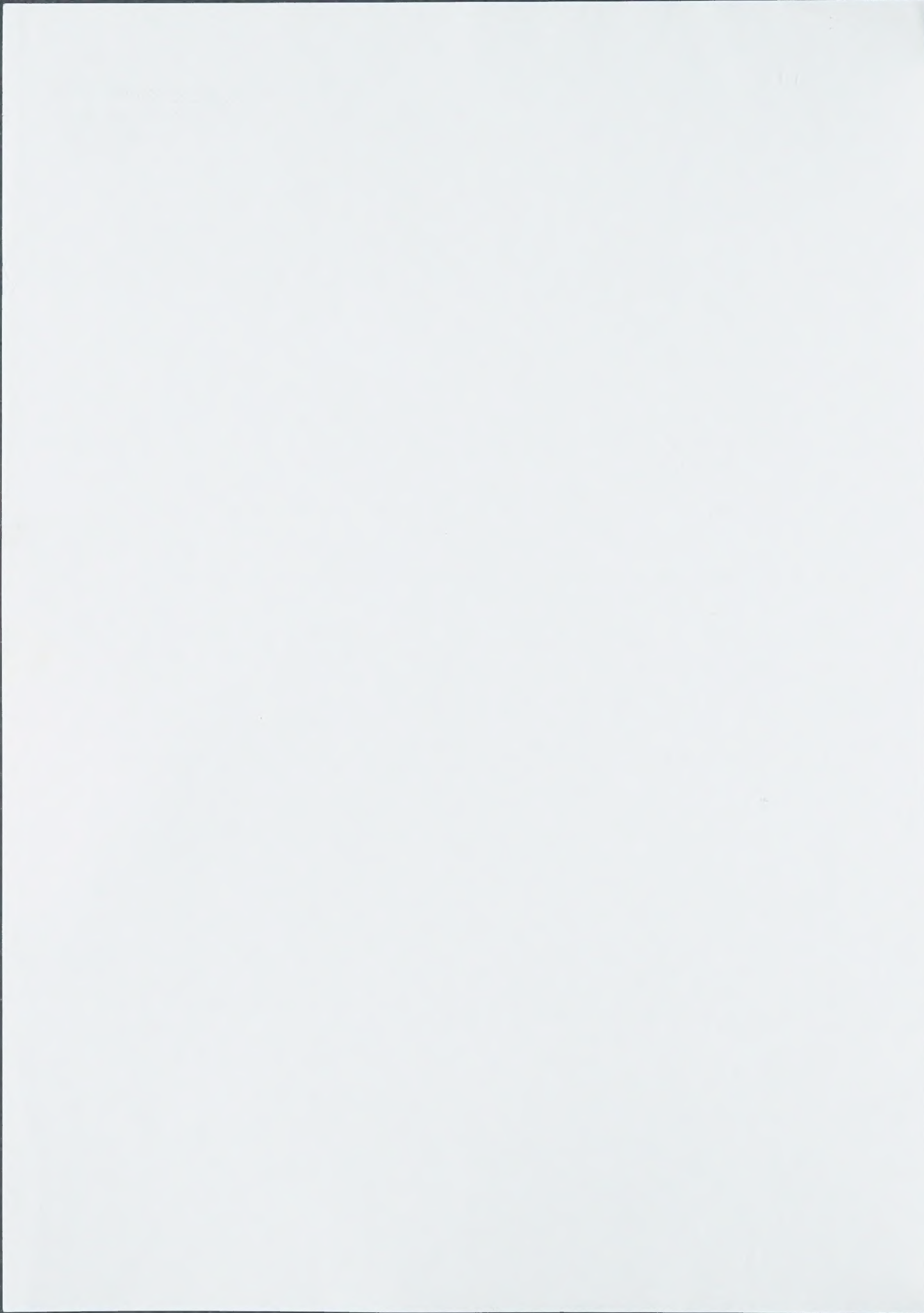
I write to thank you for your fax of March 15th. I am pleased that you are happy with our choice of Bader Bursars for Session 2000-2001 and the particularly needy candidate Robert Landells.

I also enclose letters of appreciation from two of the current Bader Bursars and I hope that the others have been courteous in expressing their thanks to you directly.

With best wishes and the hope that the weather in Milwaukee is currently better than it is in Edinburgh.

Yours sincerely

Dr George Tennant
(Director, Chemistry Teaching Organisation)



Subject: Visit

Date: Mon, 22 May 2000 17:06:20 -0400

From: "Ernest Eliel" <eliel@email.unc.edu>

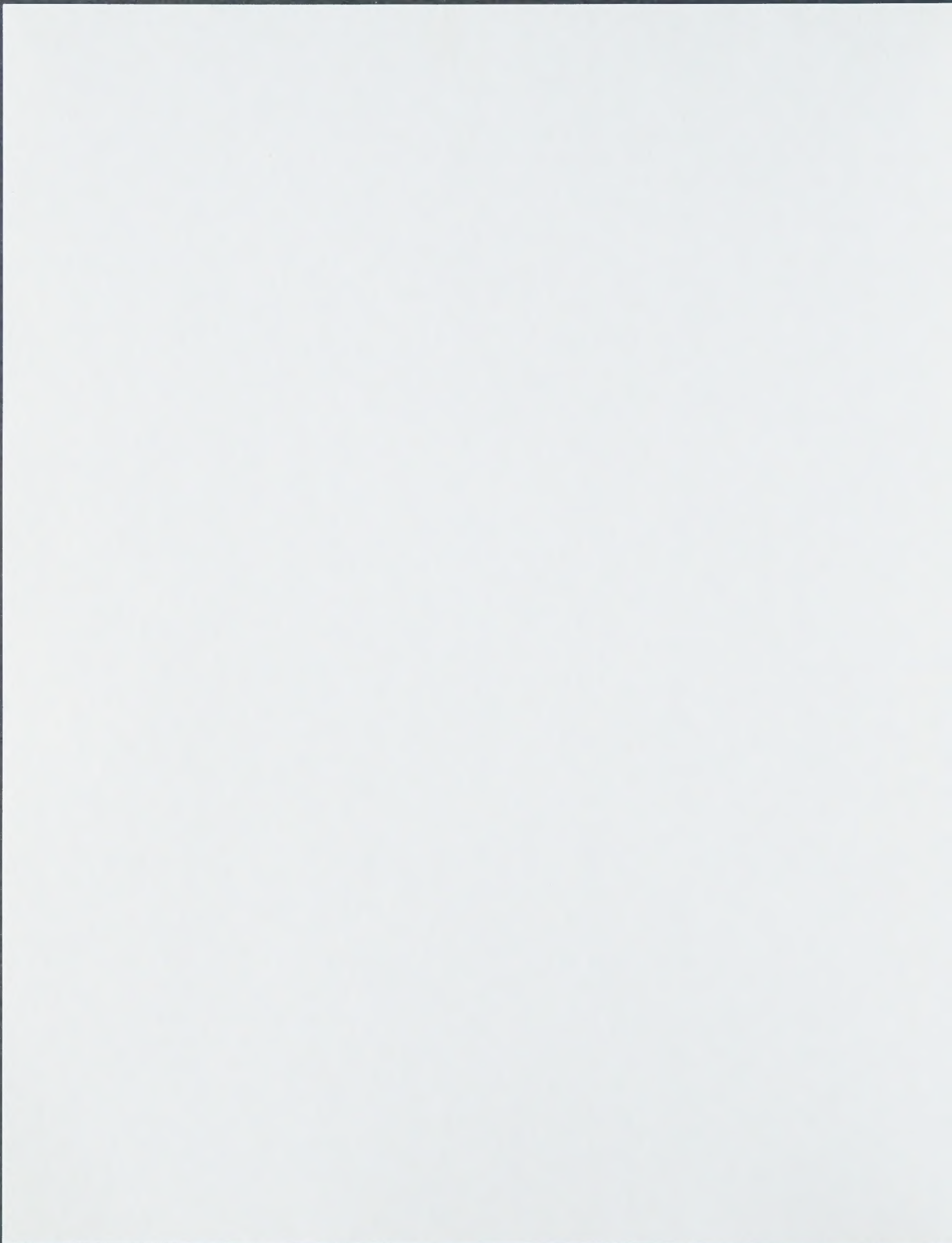
To: <baderfa@execpc.com>

Dear Alfred,

At a recent faculty picnic the conversation got around to Sigma-Aldrich and when I mentioned that you were willing to visit us here, there was considerable enthusiasm. Interestingly, the prevailing opinion was that we would like to have you speak about some aspect of your painting collection - perhaps with some pointer toward conservation, but not necessarily (and certainly not exclusively) so.

What would be a good time of the year for you to come here? I would recommend September or early October (I expect to be here most of that time except 9/21-26 when I need to be in Mexico.) If you give me a general idea of the time (I suspect the Department is somewhat flexible) I can then go to the Museum and see whether they would like to have you speak there also.

Please let me know what is convenient. Best regards,
Ernest



RE: Visit to UNC

Subject: RE: Visit to UNC

Date: Wed, 11 Apr 2001 15:08:24 -0400

From: "Ernest Eliel" <eliel@email.unc.edu>

To: "Bader Fine Arts" <baderfa@execpc.com>

CC: <ncacs@listserv.ncsu.edu>

Dear Alfred,

I am sorry to hear this; I had just got the OK of the Executive Committee of the NC Section to make arrangements for Oct. 25-27.

As you suggest, we'll try again later,
Ernest

-----Original Message-----

From: Bader Fine Arts [<mailto:baderfa@execpc.com>]

Sent: Tuesday, April 10, 2001 11:31 AM

To: Professor Ernest Eliel

Subject: Visit to UNC

Dear Ernest,

It was such a pleasure to be able to chat with you in San Diego.

I have just learned that the Annual Awards Dinner of the Aldrich Chemical Company will be held in Milwaukee on Saturday, October 27th, later than usual. I do want to attend this because there will then also be a celebration of 50 years of Aldrich.

Hence, I will not be able to be in North Carolina then and hope that you might be able to arrange for meetings next spring or next October.

With all good wishes I remain

Yours sincerely,
Alfred Bader

Introduction

The purpose of this document is to provide a comprehensive overview of the project's objectives and scope. It is intended for the project team and stakeholders.

The project aims to develop a new software application that will streamline the workflow and improve efficiency. The scope includes the design, development, testing, and deployment of the application.

The project is organized into several phases, including requirements gathering, system design, development, testing, and deployment. Each phase has specific tasks and deliverables.

The project team consists of a project manager, a software developer, a quality assurance specialist, and a system administrator. Each team member has specific responsibilities and roles.

The project budget is estimated to be \$100,000. The budget includes the cost of software licenses, hardware, and personnel. The project is expected to be completed within a 12-month period.

The project risks include the possibility of budget overruns, delays in the development process, and the need for additional resources. These risks will be monitored and managed throughout the project.

The project will be managed using a project management software tool. The tool will help track the progress of the project, manage the budget, and communicate with the project team.

The project will be reviewed regularly to ensure that it is on track and meeting the project goals. The project manager will provide regular reports to the stakeholders.

The project is expected to have a positive impact on the organization by improving the workflow and reducing the time and cost of the development process.

The project is a high-priority initiative for the organization. It is essential for the organization to complete the project successfully and on time.

FAX TRANSMITTAL SHEET

FROM: DR. ALFRED BADER
2961 North Shepard Ave.
Milwaukee, Wisconsin 53211
PHONE: (414) 962-5169
FAX: (414) 962-8322

2 pages

44 81 441 4380

TO: Dr. John Emsley

DATE: May 11, 1993

Dear John:

As you are one of my best chemist friends in Britain, I wonder whether I may ask you for some help in a strange matter.

Quite a few months ago, two Scottish universities, Edinburgh and Glasgow, asked me to lecture there, and I was really happy to accept both, for different reasons. At Edinburgh University because the first Loschmidt award was given to an academic there, where Crum Brown worked. At Glasgow University because I have so many good friends there and have established a Bader Prize.

The first suggestion for such talks came from Dr. Ian Gosney at Edinburgh University. I plan to speak in Durham on Monday, May 24th, be in Edinburgh on the 25th and 26th, and then in Glasgow on the 27th and 28th. All the arrangements with Glasgow have been made with Prof. J. D. Connolly.

However, I have not heard a word from Edinburgh University and Ian Gosney (who treated us most kindly during our last two visits there) has not replied to my letters, copy of one attached.. Unfortunately, I have neither his phone number nor his fax number.

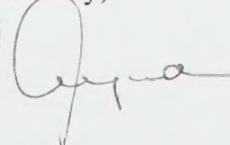
There may be any number of reasons for the silence. Edinburgh University may just not want me to lecture. My letters may have gotten lost. Ian Gosney may have left Edinburgh University.

Could you please obtain Ian Gosney's phone and fax numbers, or, if he has left Edinburgh University--put me in touch with some other academic who could let me know.

Isabel and I are leaving Milwaukee on Friday morning, May 14th, will spend next week in Massachusetts, and then fly from Boston to Gatwick, arriving at our home in Bexhill on Friday, May 21st.

Many thanks for all your help, and fond regards.

Sincerely,



Please don't mind
my bothering you!

DECLARATION

STATE OF TEXAS

COUNTY OF _____

I, _____

do hereby certify that _____

is the true and correct _____

of the _____

Dr. Alfred Bader
2961 North Shepard Avenue
Milwaukee, Wisconsin 53211

October 19, 1992

Dr. George Ellman
976 Glenwood Drive
Sonoma, California 95476

Dear George:

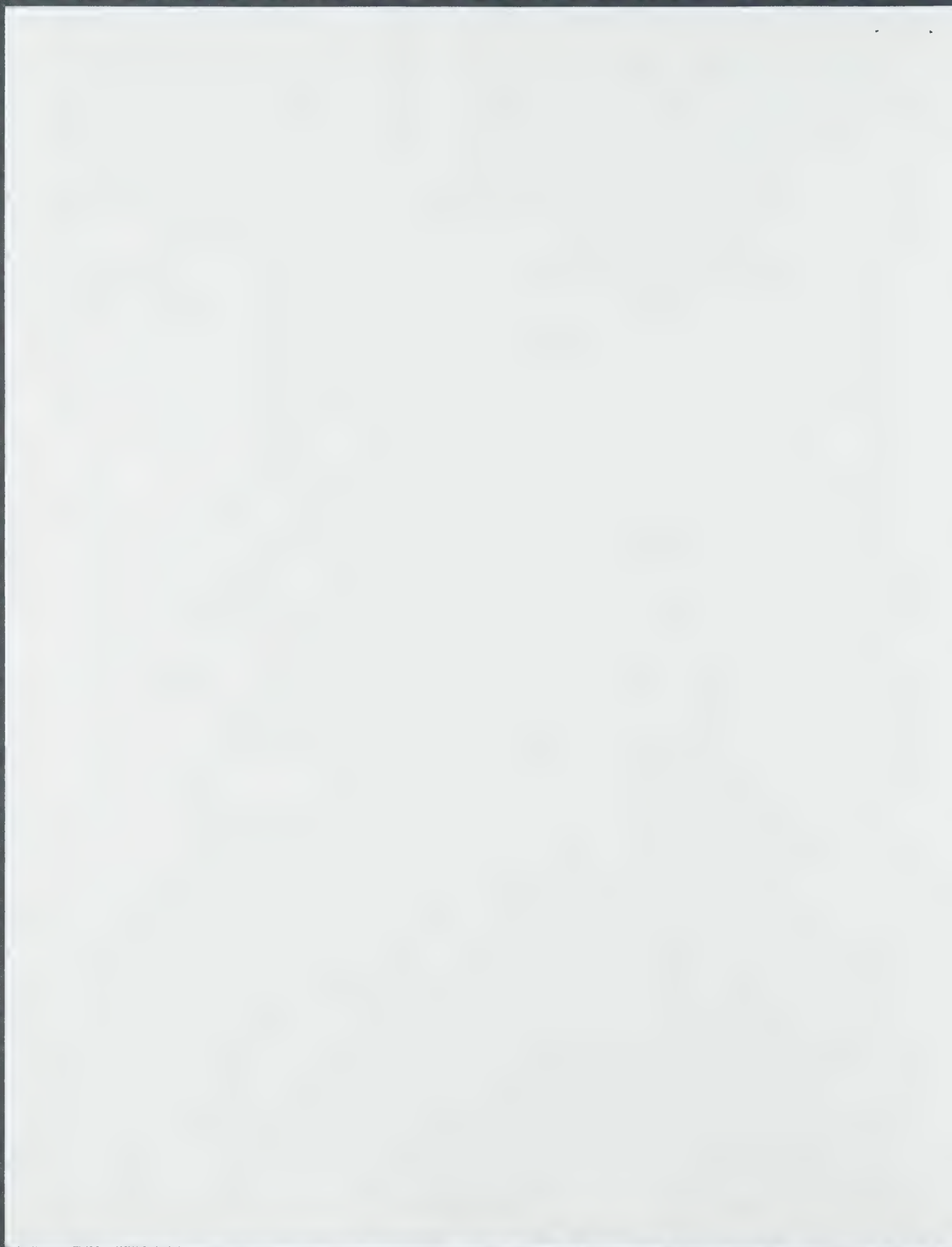
I am so happy to have your letter of October 2nd.

You probably don't know that I was dismissed from Aldrich, and the enclosed details the circumstances. Needless to say, this came only from one person, Dr. Cori in St. Louis, but I have a great many good friends in the company.

I am immediately forwarding your letter to Dr. Steve Branca, who is in charge of new products, and I am sure I do not have to tell him who George Ellman is and what Ellman's reagent is.

All good wishes from house to house,

Enclosure
c: Dr. Stephen Branca



Alfred Bader
POB 355
Milwaukee WI
53201

October 2, 1992

Dear Alfred,

It has been many years since we have seen each other, but I remember your visits with great fondness and respect. I think I saw that you had retired as president from Aldrich, but I would guess that you still have some connections there; that is why I am writing you.

I, too, have retired from the University of California, but as you know, they have a status call Emeritus, to which I have been "elevated". That means, primarily, that I can do much as I wish.

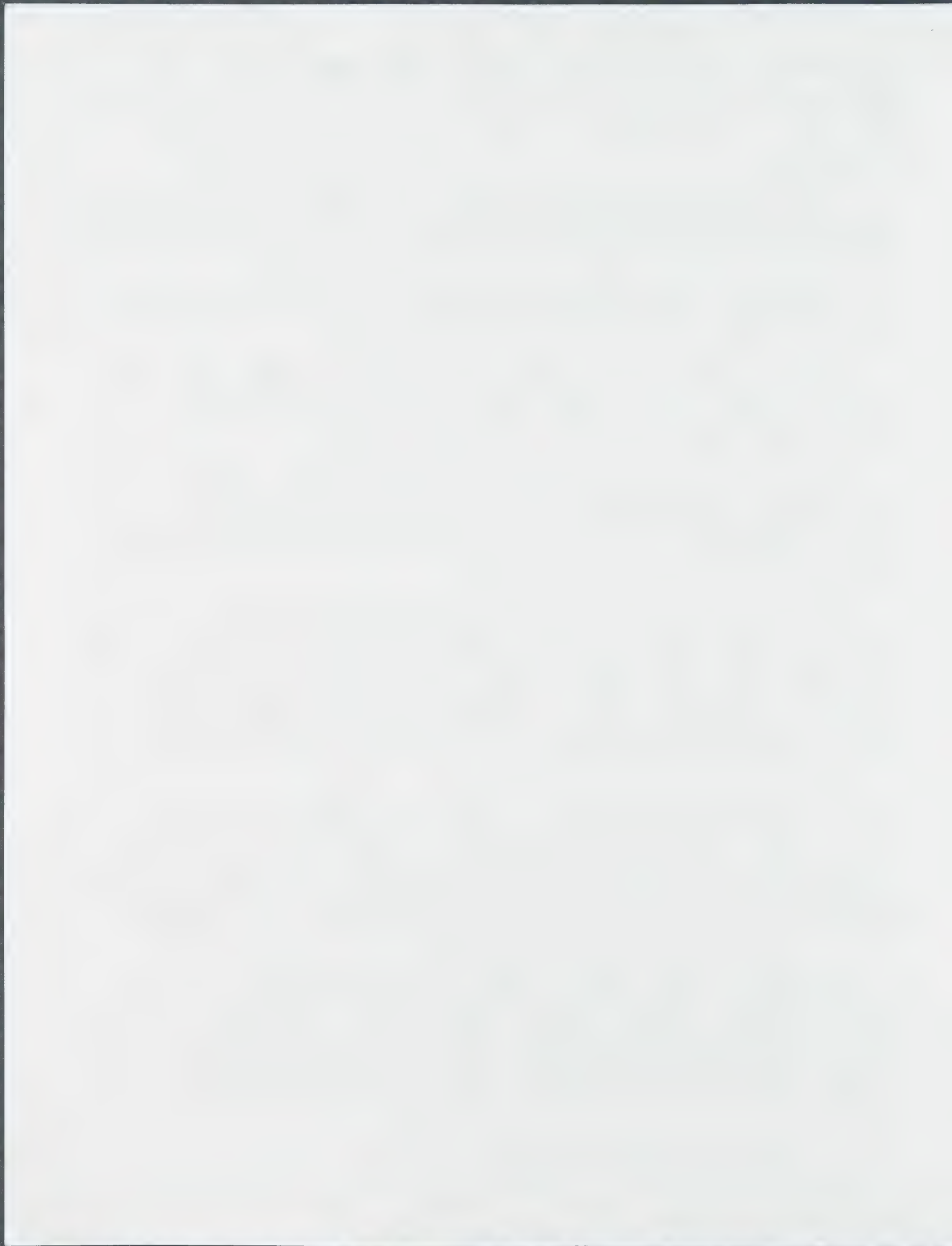
Since I retired, I have however, been allowed to spend time in the laboratory, pursuing an idea that is almost as old as DTNB. When I began to work at Dow, I thought I could make some practical uses of the sulfhydryl-disulfide interchange reaction and as you know, DTNB was the result of that adventure.

Another way to look at the reaction was to consider whether a para-methoxy group on thiophenol, would enhance the reactivity enough to make it react with aliphatic disulfides. Fortunately for me, Aldrich lists p-methoxybenzenethiol (MBT) in its catalog, and I was able to purchase a bit of it. But as life has it, it has been some 8 years since I purchased it that I found the time to test the idea.

Last month, I did get around to doing an actual experiment in the lab. The data is something like this: MBT has a major absorption ($\epsilon = \sim 12000$) at about 262 nm, as an anion, whereas the unionized thiol has only a small absorbance at that wavelength. I assume that anionic MBT will react with disulfides to produce a MBT-SR compound, which would have about as much absorbance as the unionized MBT. Therefore, one could observe significant decreases in absorbance on addition of aliphatic disulfides to MBT in a buffer in which MBT was ionized. A crude examination of the ionization of MBT indicated that it had a pK near 6.2.

The results were as follows: I use a solution of MBT in a pH 8 buffer. Addition of cystine causes a decrease in absorbance, close to that I would expect from the change in extinctions and the concentration of cystine used. The reaction takes about 30 minutes under these conditions; the MBT solution shows a slow decrease in absorbance (possibly due to oxidation). But the changes are reliable and likely due to the sulfhydryl-disulfide interchange. I have done several runs with concentrations of cystine in the 30 - 70 μM range, so the sensitivity is pretty good.


The problem that I have run into is that the products of these reactions are not very soluble in aqueous reaction media. The final reaction mixtures have a distinct opalescence, i.e., making for some uncertainty in the actual absorbance measurements. Therefore, I have been using about 20 % n-propanol as the vehicle for these reactions. (This is all very reminiscent of my attempts to use p-dinitrophenyl disulfide some 40 years ago; the compounds involved have very low water solubility.)



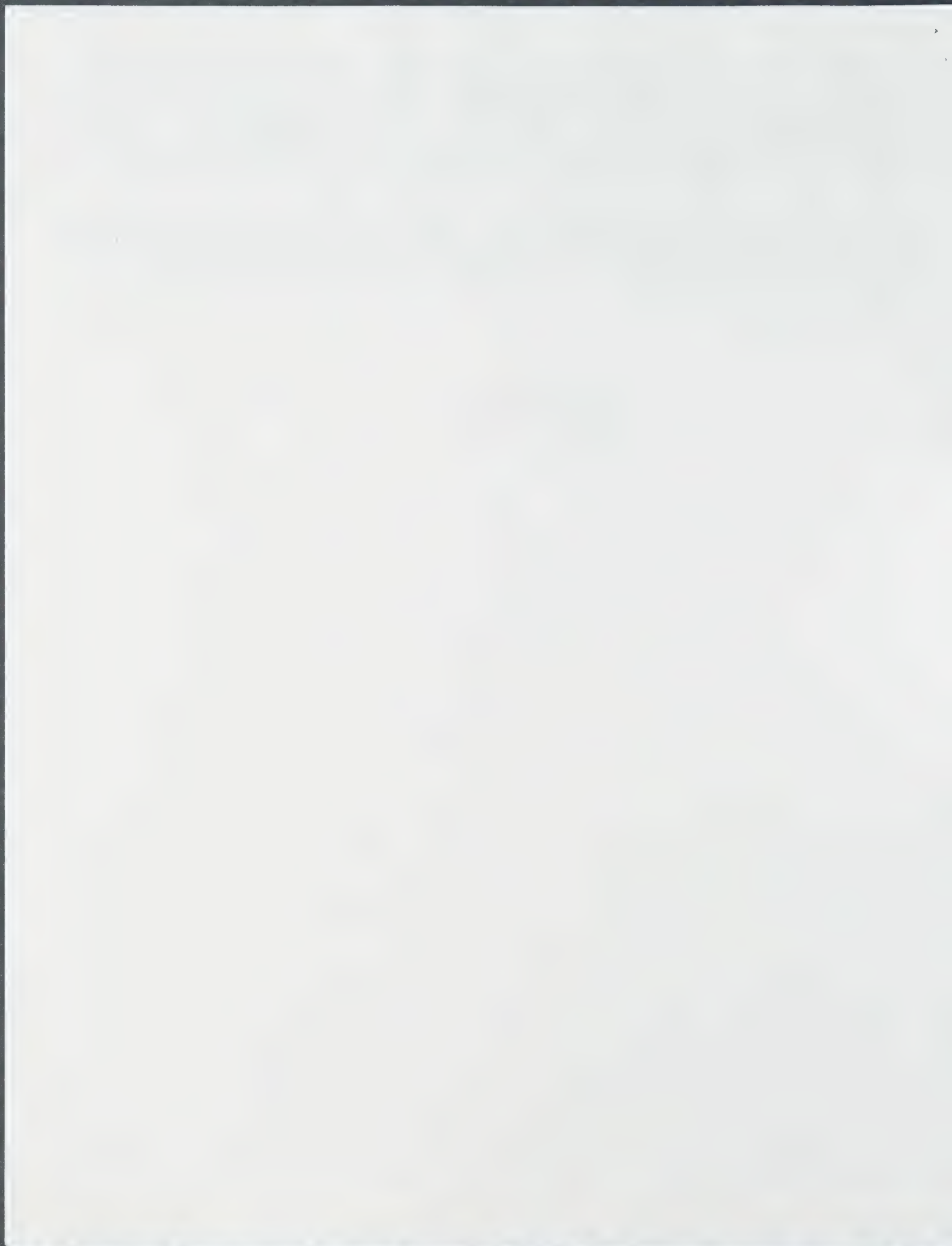
The solution to the solubility problem could well be to use the same modification, i.e., produce a derivative of MBT that had a carboxyl group on it, e.g., adjacent to the methoxy, or possibly to prepare p-carbomethoxybenzenethiol. I am sure the sodium or potassium salt of these acids would be soluble enough to avoid the problem. That is why I am writing you. I have no real facility available for organic syntheses these days. But I presume Aldrich does. Can you help here?

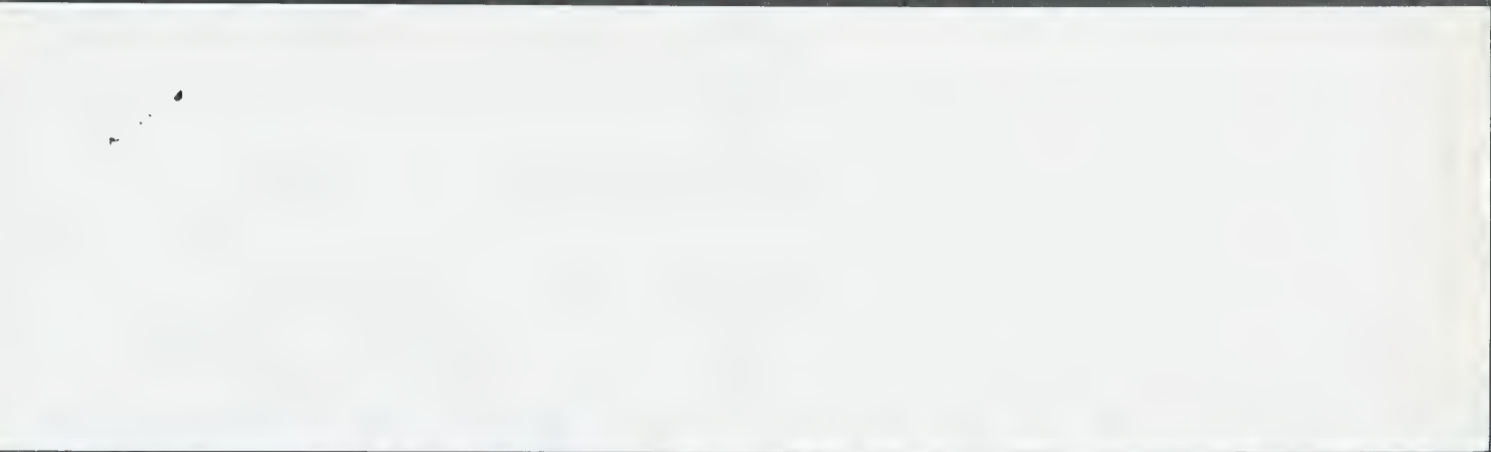
I would be pleased to discuss this matter with you. I have recently joined the Board of the National Audubon Society, and take occasional trips related to those activities. Consequently, I am not always home; but I will be around until Oct. 18, returning on the 22nd. If you wish to call, I will be at 707-996-0601.

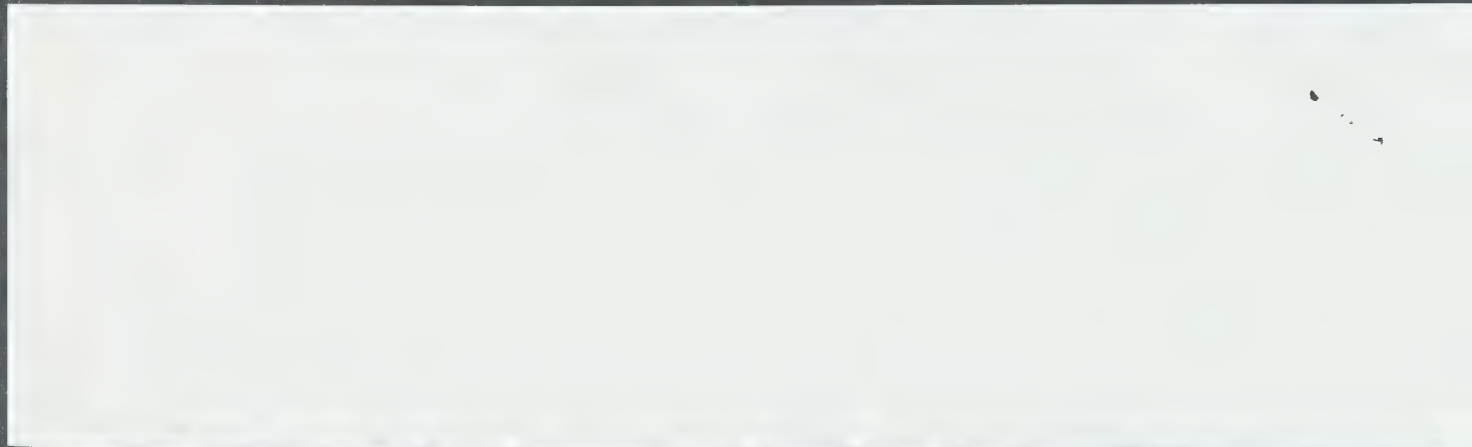
Sincerely,



George Ellman
976 Glenwood Dr.
Sonoma CA
95476







Dr. Alfred R. Bader
2961 North Shepard Avenue
Milwaukee, Wisconsin 53211

September 8, 1992

Prof. Dr. Martin G. Ettliger
Chemical Laboratory II
H. C. Orsted Institute
University of Copenhagen
Universitetsparken 5
DK2100 Copenhagen 0, Denmark

Dear Martin,

Your letter requesting information arrived here while I was in Europe.

As you may know from Niels, I have been dismissed from Sigma-Aldrich under very strange circumstances, explained in the enclosed.

I have been thinking of you a good deal during the last few months as I am working on my autobiography, and you have played such an important part in my life.

Best personal regards.

Sincerely,

Enclosure



DEPARTMENT OF GENERAL AND ORGANIC CHEMISTRY

University of Copenhagen
The H. C. Ørsted Institute
DK-2100 Copenhagen, Denmark
Tel. (45) 31 35 31 33, Fax (45) 31 35 07 66

Chemical Laboratory II
H. C. Ørsted Institute
Universitetsparken 5
2100 Copenhagen Ø
Denmark

May 28, 1992

Dr. Alfred R. Bader
Aldrich Chemical Company
P. O. Box 355
Milwaukee, Wisconsin 53201
U. S. A.

Dear Alfred:

I should be most grateful if you would please send me
copies of Aldrich Technical Information Bulletins AL-153 (on
manostats) and AL-195 (on the Oxford Sure/Seal valve-cap).

*Sent
6-5-92*

With best wishes,

Yours very sincerely,



Martin G. Ettlenger

1904