

**Standard
Infrared
Grating Spectra
Volume 55-56
54001 - 56000**



SADTLER RESEARCH LABORATORIES, INC.

STANDARD INFRARED GRATING SPECTRA
VOLUME 55

CREATIVE CHEMISTS SINCE 1874

3316 SPRING GARDEN ST., PHILADELPHIA, PA. 19104
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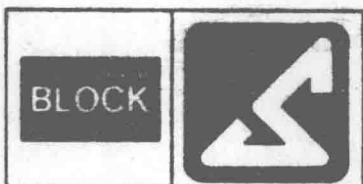
VOLUME 85

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On the right hand side of each page is listed the name of the
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STANDARD INFRARED GRATING SPECTRA VOLUME 56

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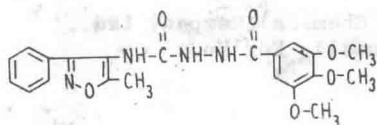
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4-(5-METHYL-3-PHENYL-4-ISOXAZOLYL)-1-(3,4,5-TRIMETHOXYBENZOYL)- SEMICARBAZIDE **54001 K**

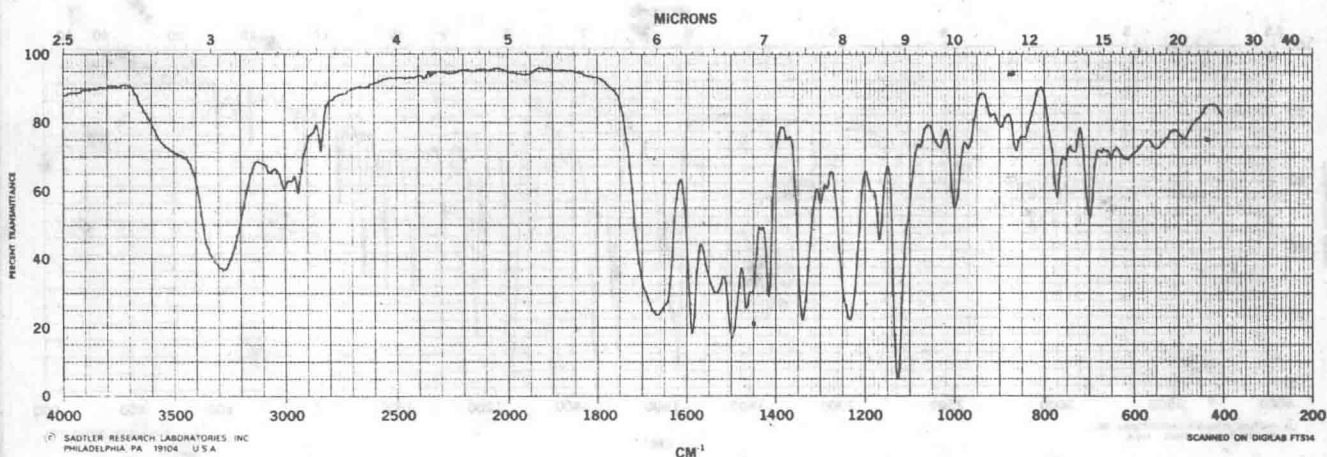
$C_{21}H_{22}N_4O_6$ Mol. Wt. 426.43

M.P. 226-228°C



Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer

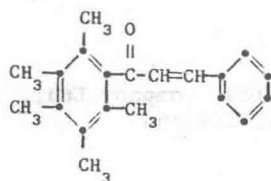


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2',3',4',5',6'-PENTAMETHYLCHALCONE **54002 K**

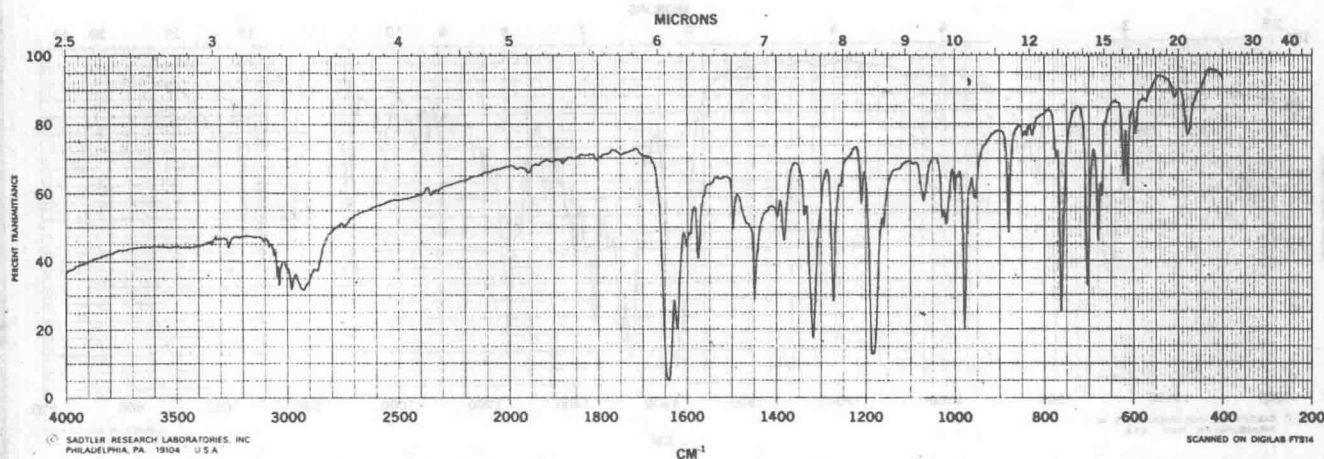
$C_{20}H_{22}O$ Mol. Wt. 278.40

M.P. 136°C



Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



54003 K

3,4-(METHYLENEDIOXY)-2',3',4',5',6'-PENTAMETHYLCHALCONE

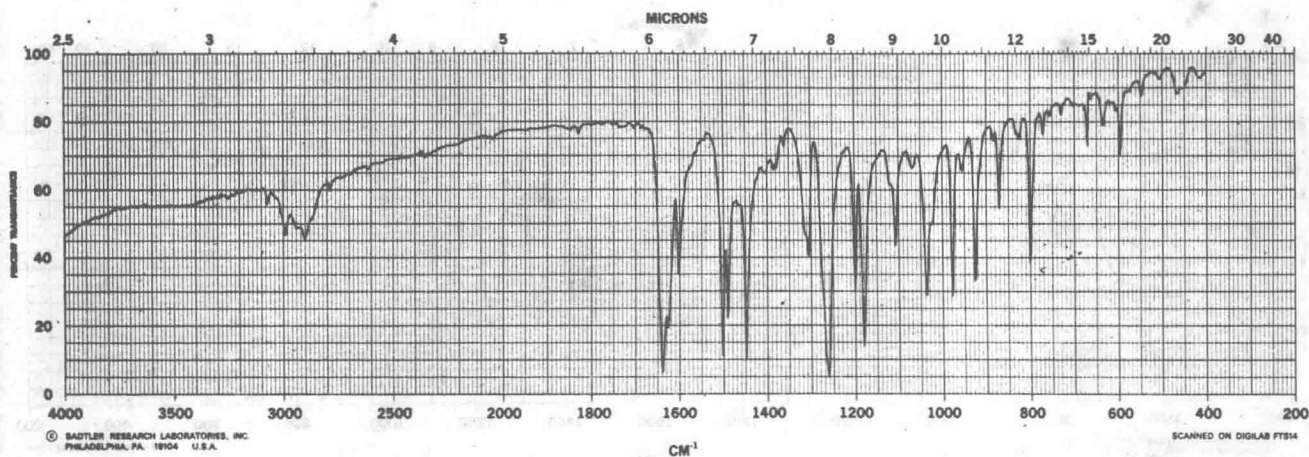
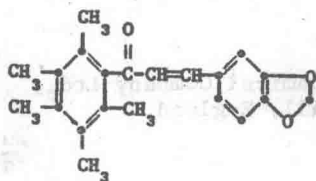
 $C_{21}H_{22}O_3$

Mol. Wt. 322.41

M.P. 185°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer

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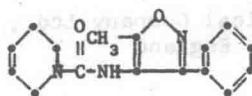
54004 K

3,6-DIHYDRO-N-(5-METHYL-3-PHENYL-4-ISOXAZOLYL)-1(2H)-PYRIDINE-CARBOXAMIDE

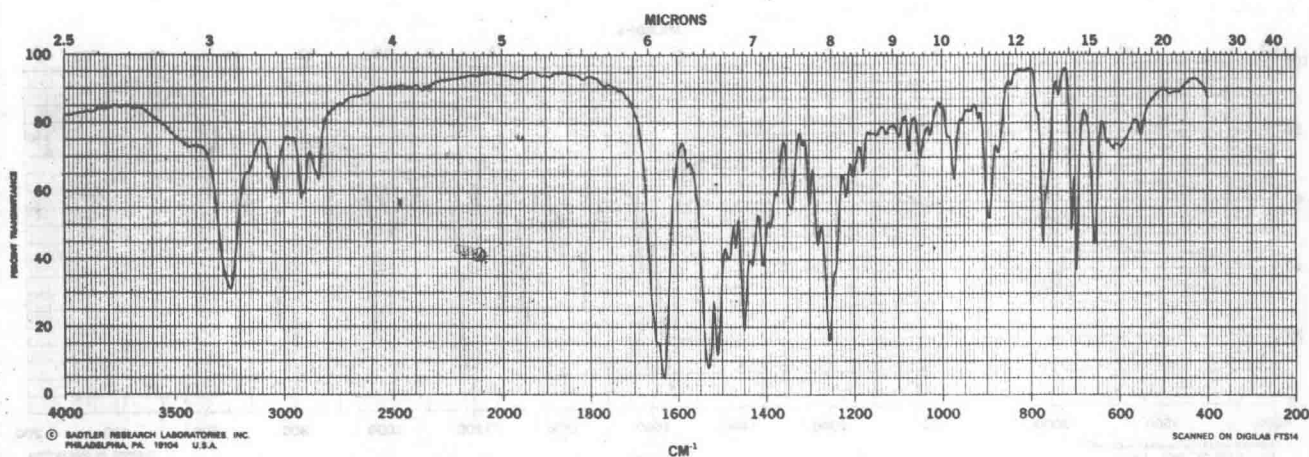
 $C_{16}H_{17}N_3O_2$

Mol. Wt. 283.33

M.P. 170-171°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



1-BENZYL-1-(2-CYANOETHYL)-3-(5-METHYL-3-PHENYL-4-ISOXAZOLYL)-
UREA

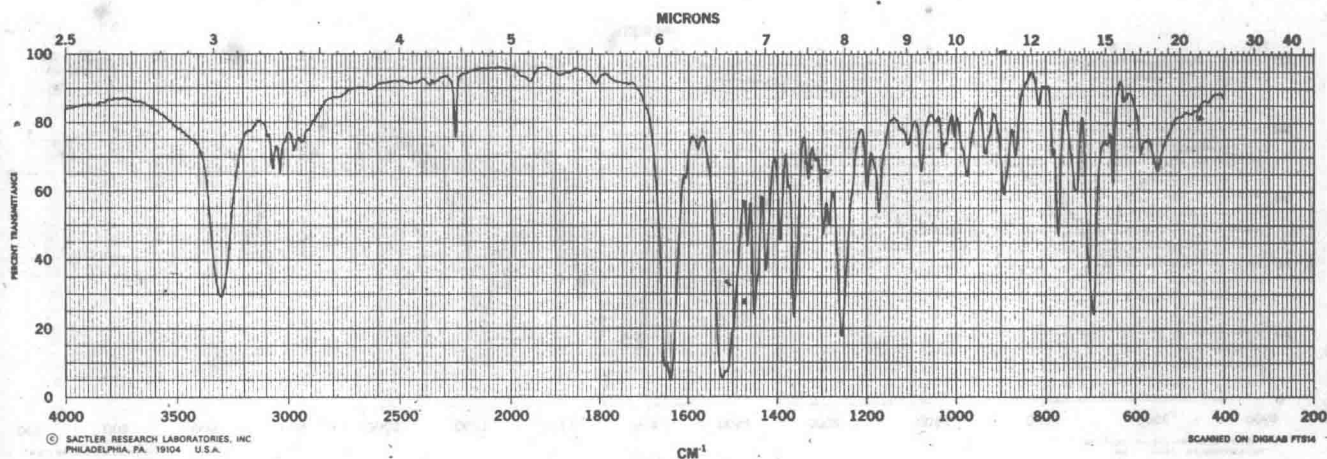
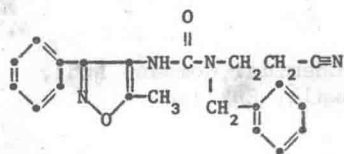
54005 K

$C_{21}H_{20}N_4O_2$ Mol. Wt. 360.42

M.P. 155°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



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2',3',4',5',6'-PENTAMETHYL-3,4,5-TRIMETHOXYCHALCONE

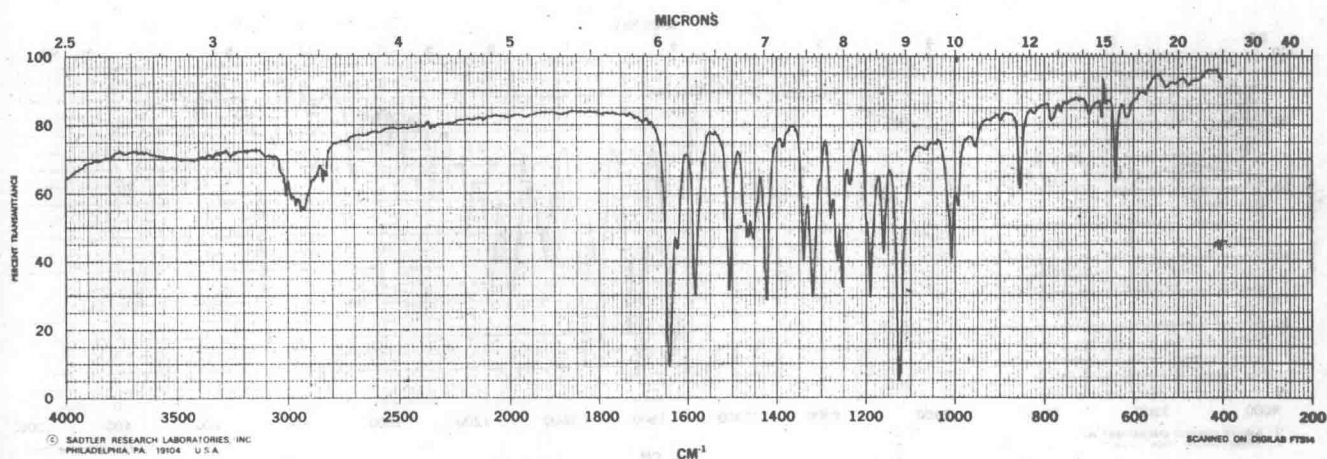
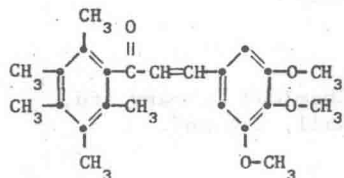
54006 K

$C_{23}H_{28}O_4$ Mol. Wt. 368.48

M.P. 190°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



54007 K

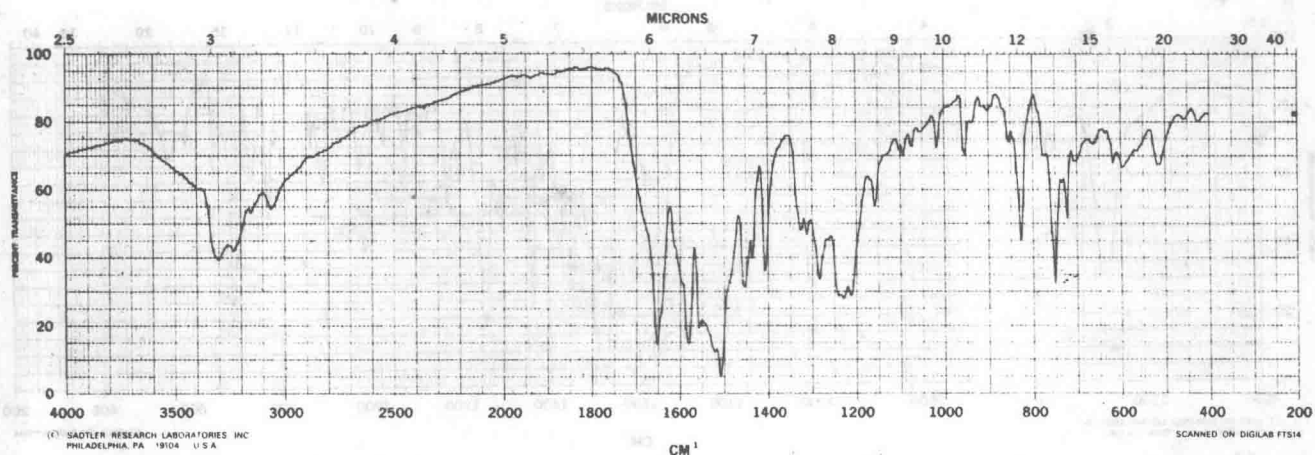
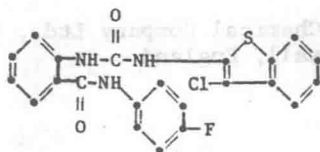
1-(3-CHLOROBENZO[b]THIEN-2-YL) -3-{o-[(p-FLUOROPHENYL) CARBAMOYL]-
PHENYL} UREA $C_{22}H_{15}ClFN_3O_2S$

Mol. Wt. 439.90

M.P. 262-264°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



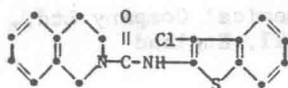
Sadtler Research Laboratories, Inc., Subsidiary of Bock Engineering, Inc.

54008 K

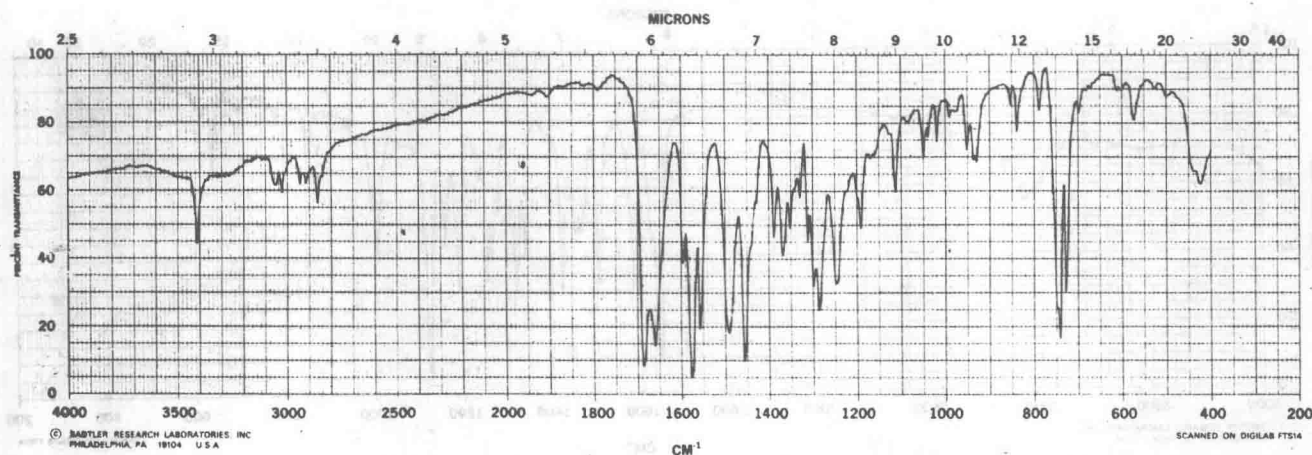
N-(3-CHLOROBENZO[b]THIEN-2-YL) -3,4-DIHYDRO-2(1H) -ISOQUINOLINE -
CARBOXAMIDE $C_{18}H_{15}ClN_2OS$

Mol. Wt. 342.85

M.P. 128-129°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



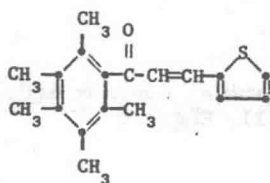
2',3',4',5',6'-PENTAMETHYL-3-(2-THIENYL)ACRYLOPHENONE

54009 K

$C_{18}H_{20}OS$

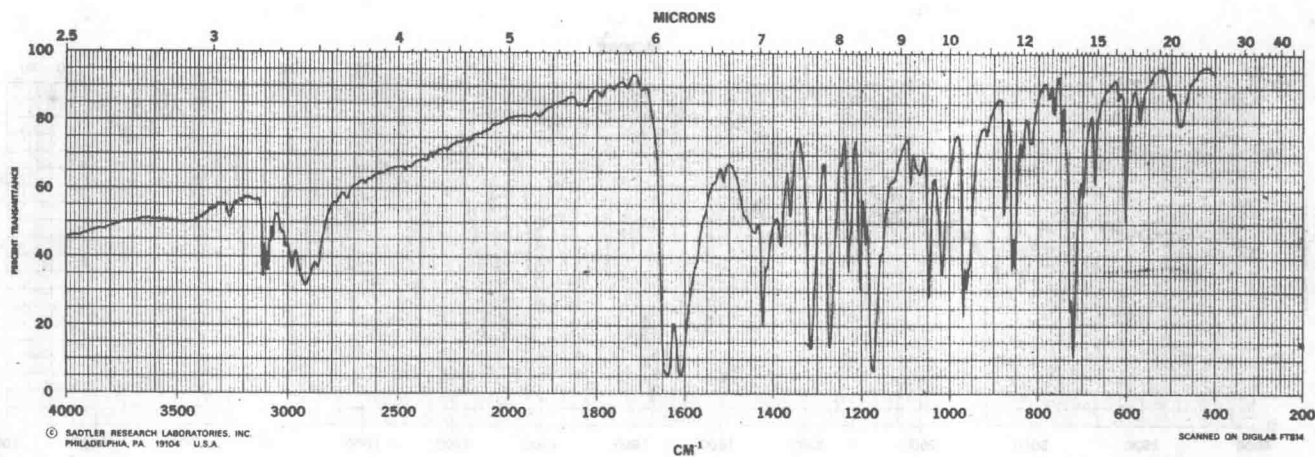
Mol. Wt. 284.42

M.P. 132°C



Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



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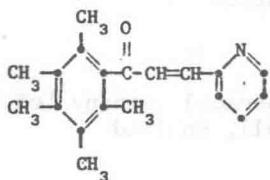
2',3',4',5',6'-PENTAMETHYL-3-(2-PYRIDYL)ACRYLOPHENONE

54010 K

$C_{19}H_{21}NO$

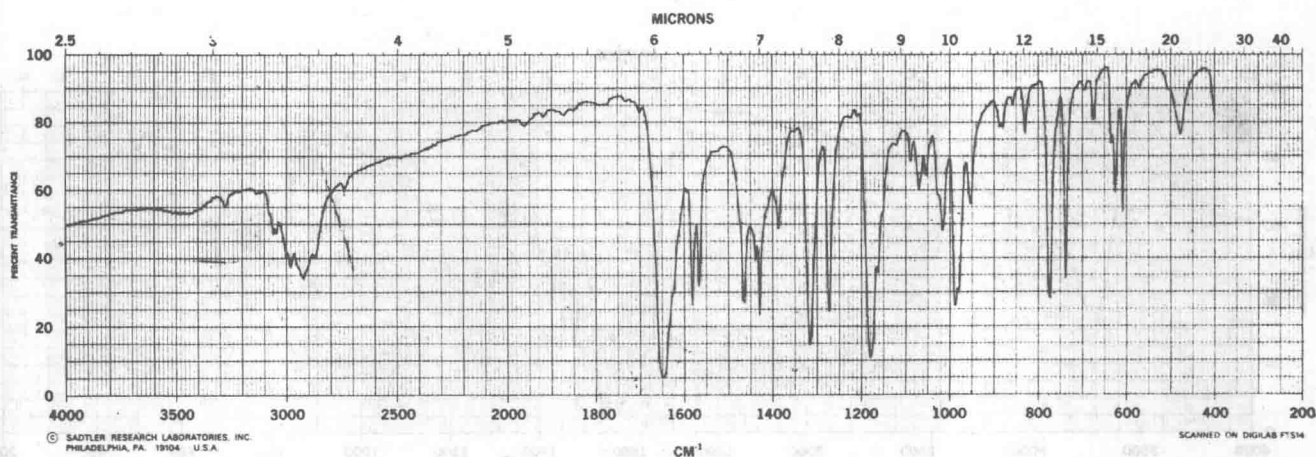
Mol. Wt. 279.39

M.P. 138°C



Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



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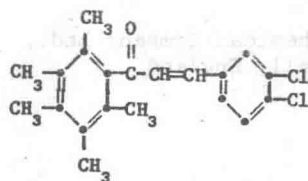
54011 K

3,4-DICHLORO-2',3',4',5',6'-PENTAMETHYLCHALCONE

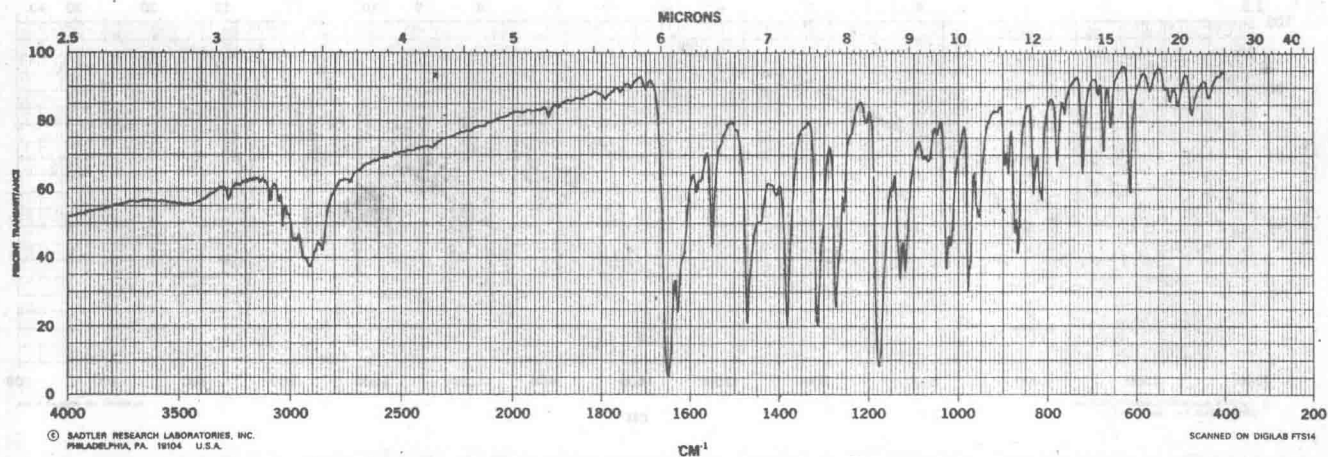
 $C_{20}H_{20}Cl_2O$

Mol. Wt. 347.29

M.P. 160°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer

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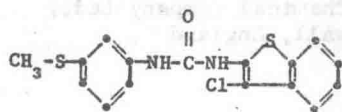
54012 K

1-(3-CHLOROBENZO[b]THIEN-2-YL)-3-[m-(METHYLTHIO)PHENYL]UREA

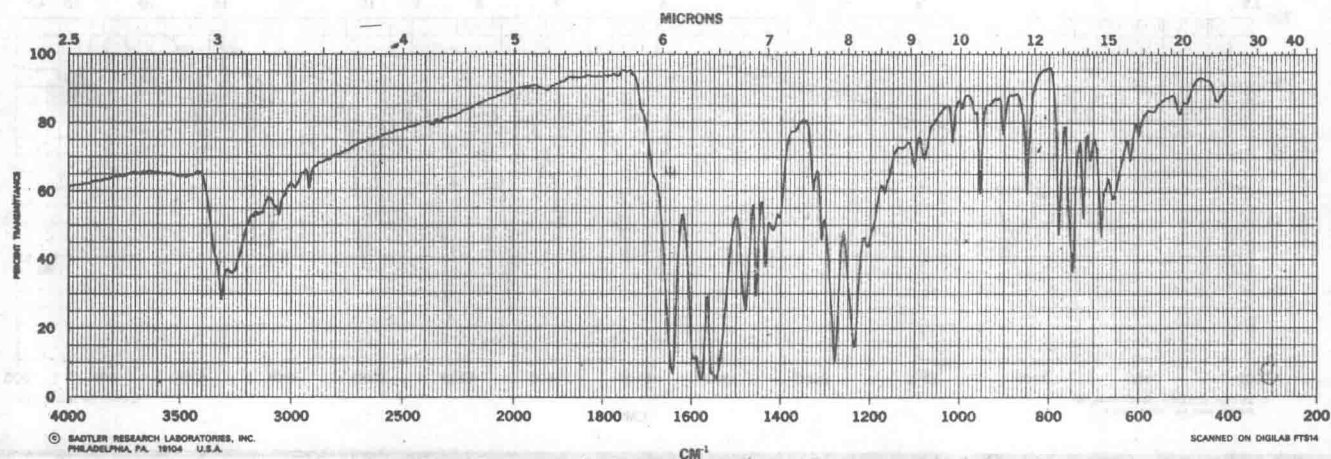
 $C_{16}H_{13}ClN_2OS_2$

Mol. Wt. 348.88

M.P. 201-203°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



1-(2-BENZOYL-4-CHLOROPHENYL)-3-(3-CHLOROBENZO[b]THIEN-2-YL)-
UREA

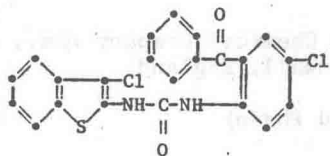
54013 K

$C_{22}H_{14}Cl_2N_2O_2S$

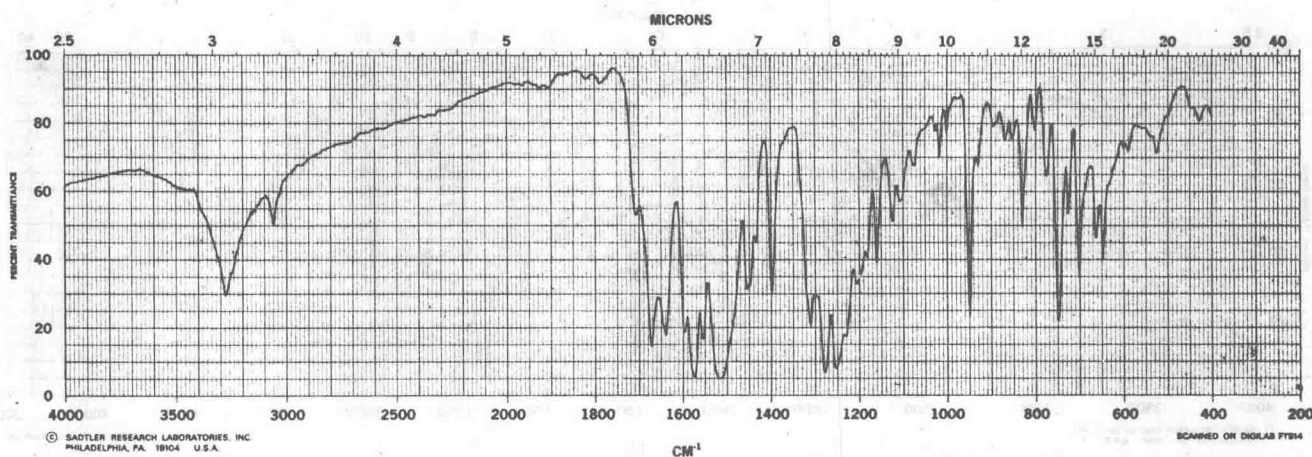
Mol. Wt. 441.34

M.P. 194-196°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England



KBr Wafer



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1-(5-tert-BUTYL-1,3,4-THIADIAZOL-2-YL)-3-(3-CHLOROBENZO[b]-
THIEN-2-YL) UREA

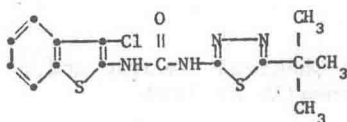
54014 K

$C_{15}H_{15}ClN_4OS_2$

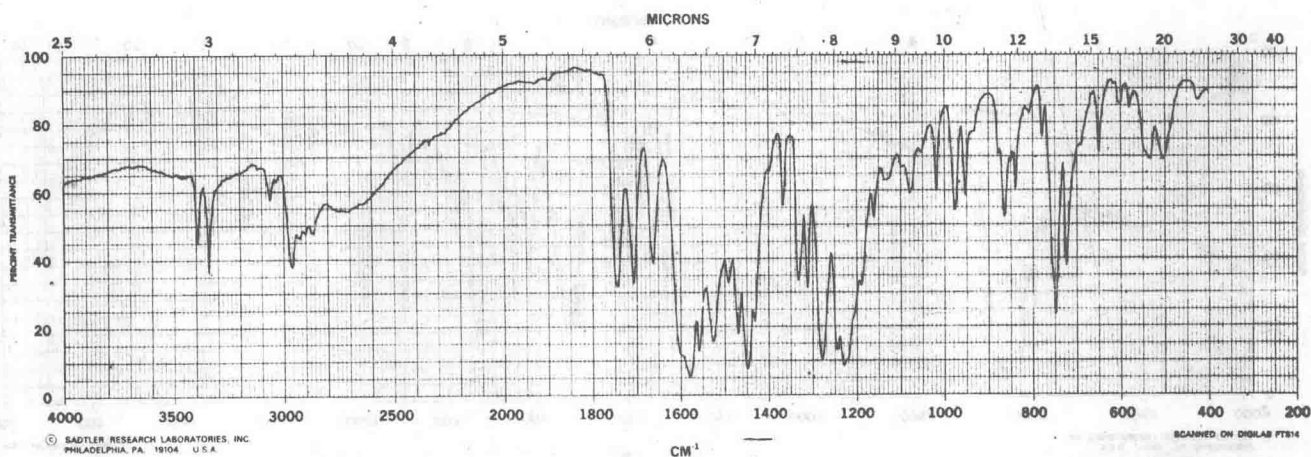
Mol. Wt. 366.89

M.P. > 280°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England



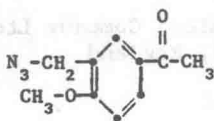
KBr Wafer



54015 K 3'-(AZIDOMETHYL)-4'-METHOXYACETOPHENONE

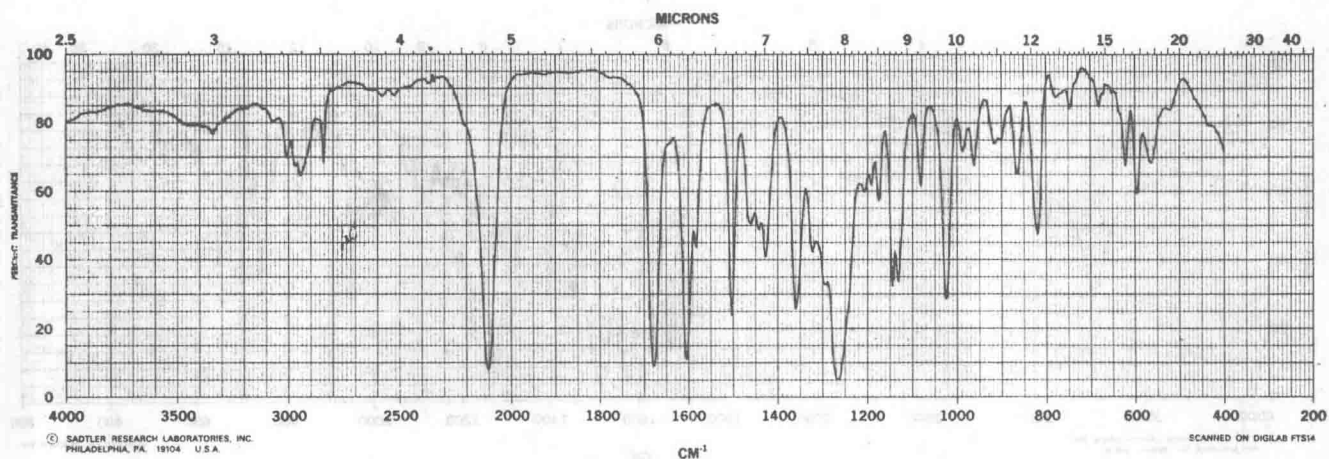
$C_{10}H_{11}N_3O_2$ Mol. Wt. 205.22

M.P. 32°C



Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

Capillary Cell: Melt (Liquid Phase)

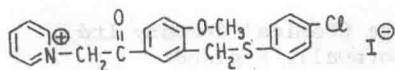


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54016 K 1-[3-[(p-CHLOROPHENYL)THIO]METHYL]-4-METHOXYPHENACYL]PYRIDINIUM IODIDE

$C_{21}H_{19}ClINO_2S$ Mol. Wt. 511.81

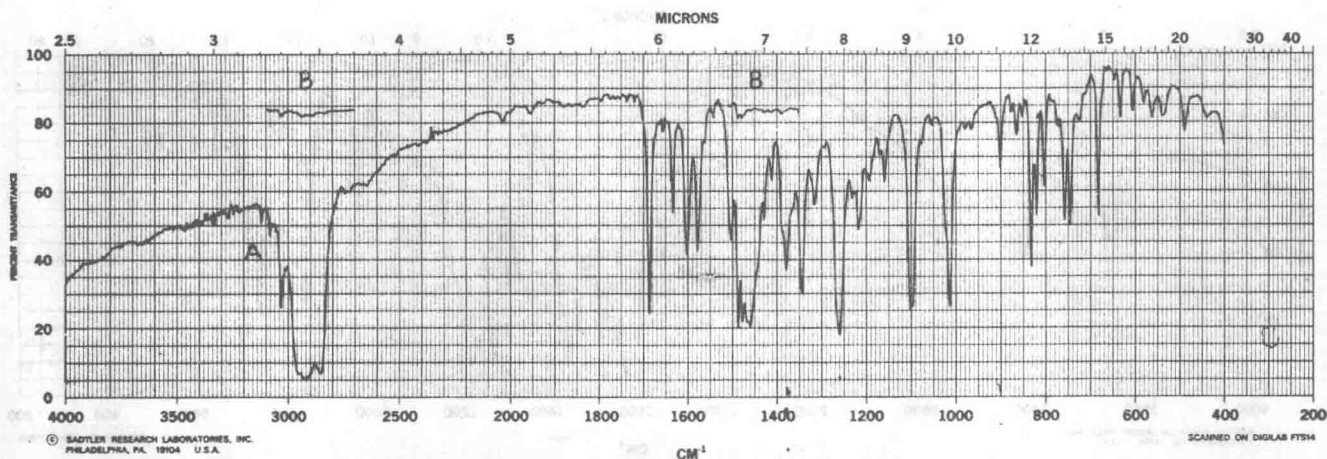
M.P. 175-177°C



Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

A=Mulled in Mineral Oil

B=Mulled in Perfluorinated Hydrocarbon



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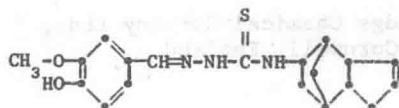
VANILLIN, 4-(3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANOINDEN-5-YL)-
3-THIOSEMICARBAZONE

54017 K

$C_{19}H_{23}N_3O_2S$

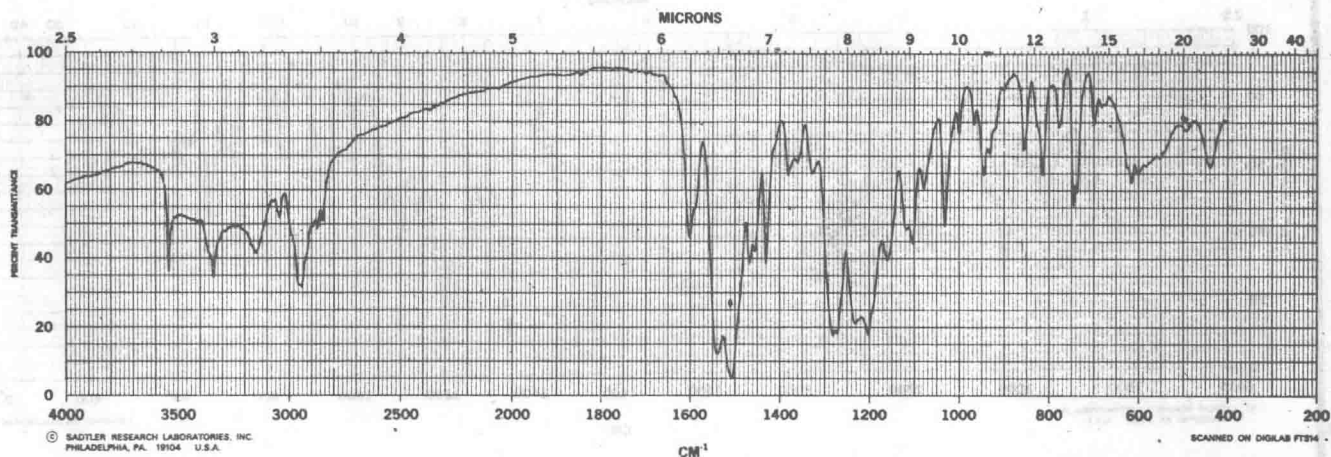
Mol. Wt. 357.48

M.P. 188-190°C



Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



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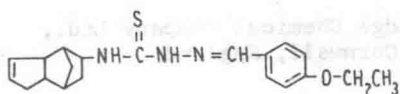
1-(p-ETHOXYBENZYLIDENE)-4-(3a,4,5,6,7,7a-HEXAHYDRO-4,7-
METHANOINDEN-5-YL)-3-THIOSEMICARBAZIDE

54018 K

$C_{20}H_{25}N_3OS$

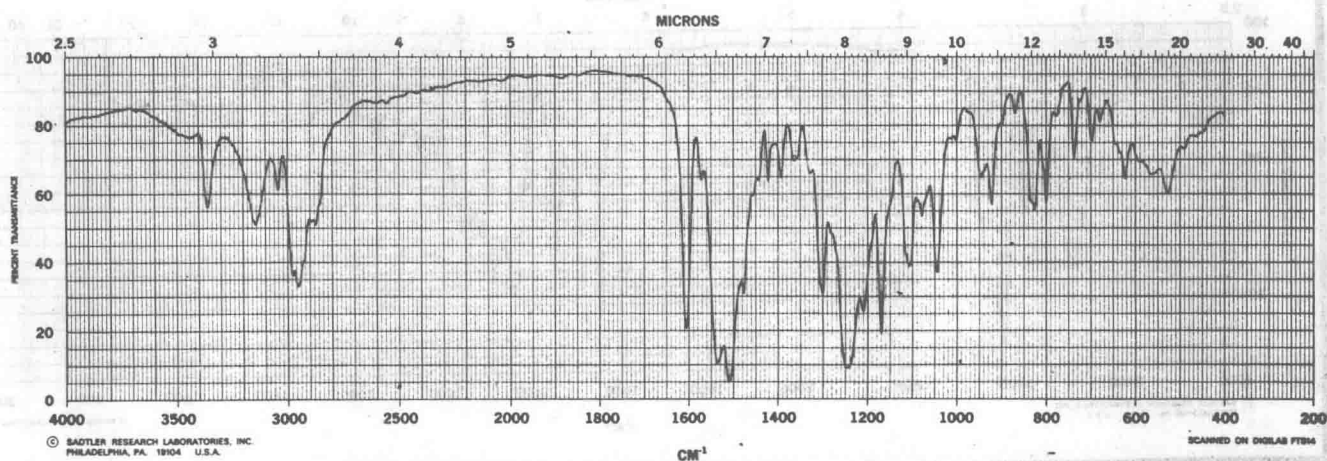
Mol. Wt. 355.51

M.P. 169-174°C



Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer



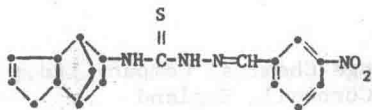
54019 K

4-(3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANOINDEN-5-YL)-1-(m-NITRO-BENZYLIDENE)-3-THIOSEMICARBAZIDE

 $C_{18}H_{20}N_4O_2S$

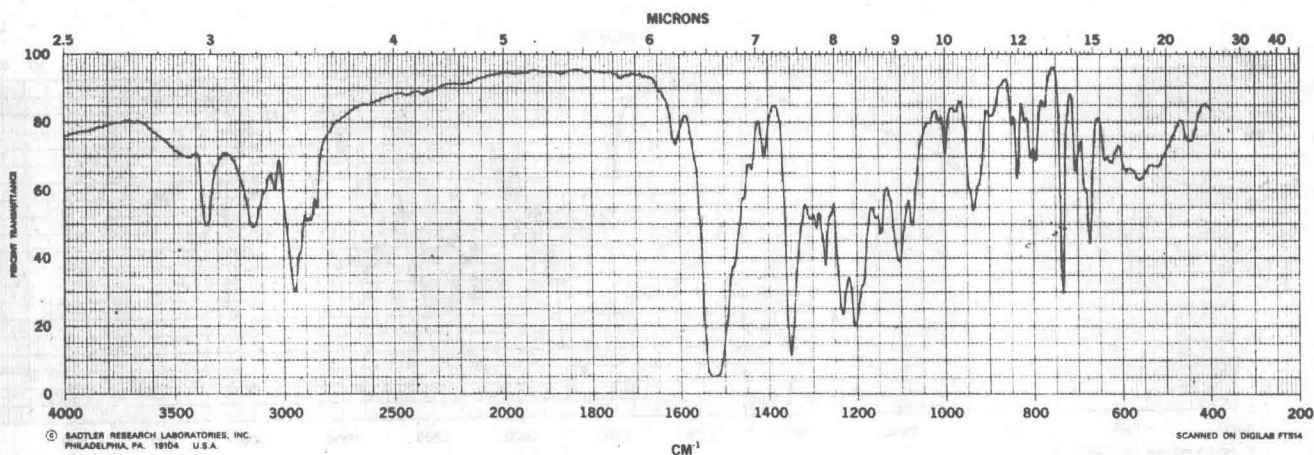
Mol. Wt. 356.45

M.P. 201-204°C



Source of Sample: Maybridge Chemical Company Ltd., North Cornwall, England

KBr Wafer



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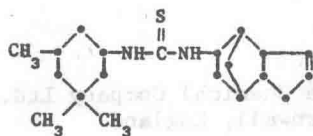
54020 K

1-(3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANOINDEN-5-YL)-2-THIO-3-(3,3,5-TRIMETHYLCYCLOHEXYL) UREA

 $C_{20}H_{32}N_2S$

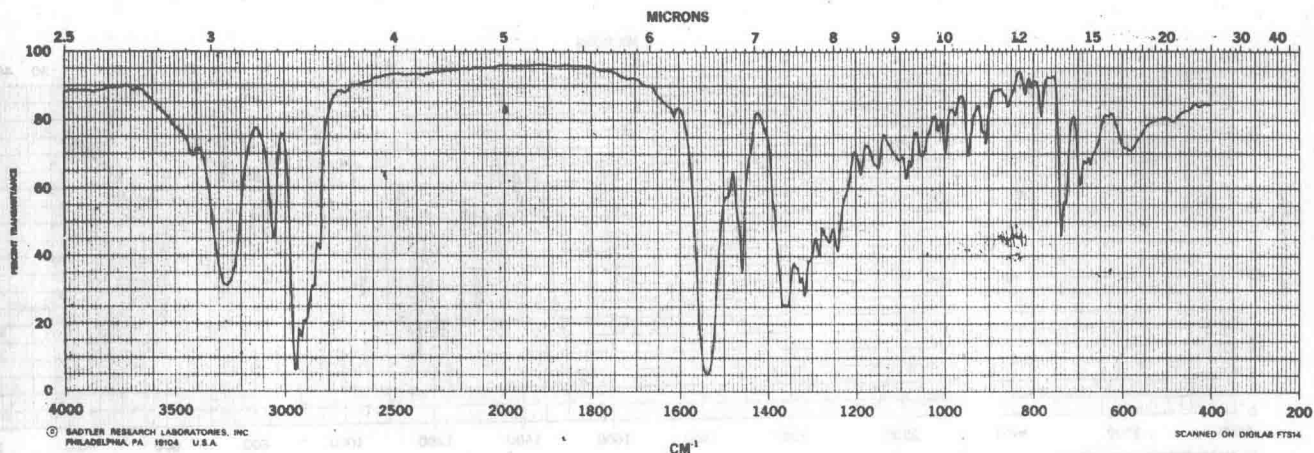
Mol. Wt. 332.56

M.P. 155-158°C



Source of Sample: Maybridge Chemical Company Ltd., North Cornwall, England

KBr Wafer



1-CYCLOPENTYLIDENE-4-(3a,4,5,6,7,7a-HEXAHYDRO-4,7-METHANOINDEN-5-YL)-3-THIOSEMICARBAZIDE

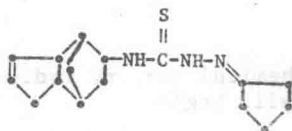
54021 K

$C_{16}H_{23}N_3S$

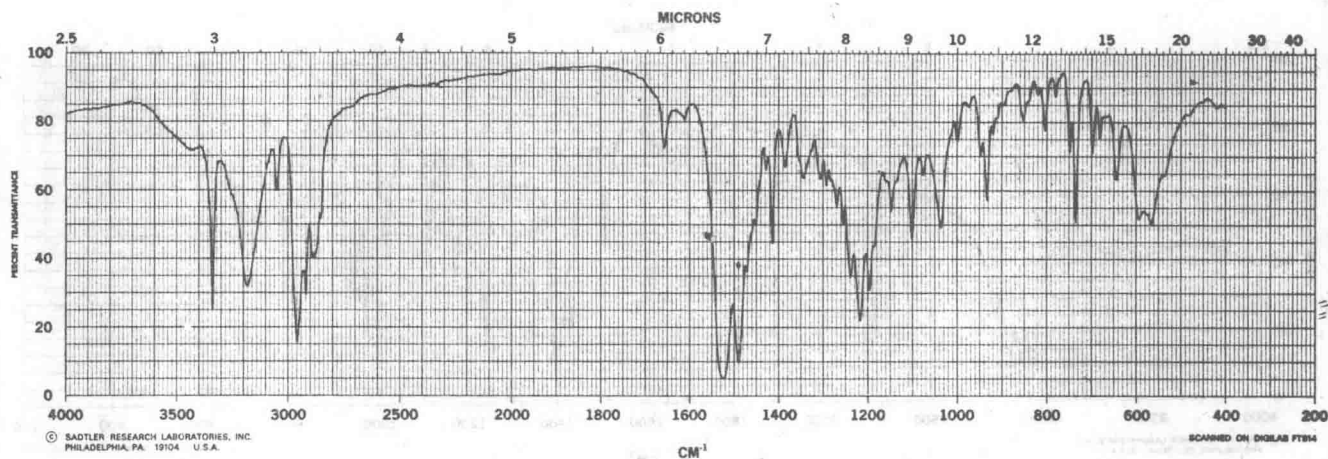
Mol. Wt. 289.45

M.P. 148-150°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England



KBr Wafer



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(p-NITROBENZYL) TRIS (2-CYANOETHYL) PHOSPHONIUM BROMIDE

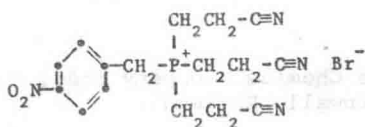
54022 K

$C_{16}H_{18}BrN_4O_2P$

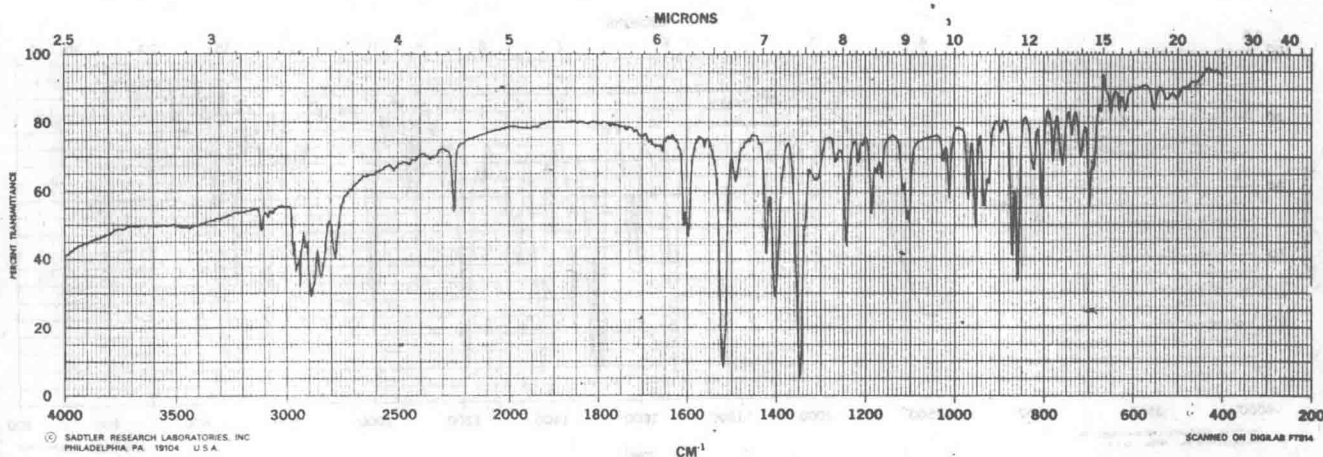
Mol. Wt. 409.23

M.P. ~ 190°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England



KBr Wafer

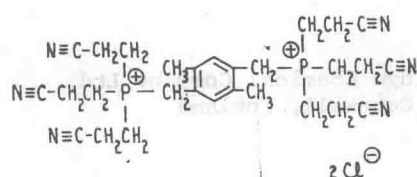


54023 K

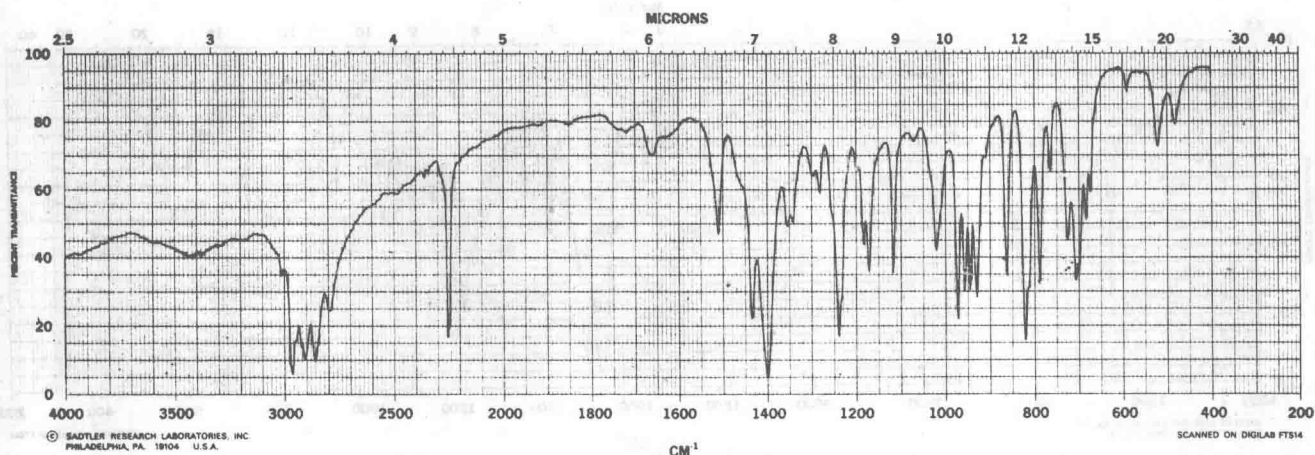
[(2,5-DIMETHYL-P-PHENYLENE) DIMETHYLENE] BIS [TRIS (2-CYANOETHYL)-
PHOSPHONIUM] DICHLORIDE $C_{28}H_{36}Cl_2N_6P_2$

Mol. Wt. 589.49

M.P. 293-295°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer

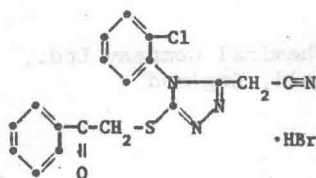
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54024 K

4-(o-CHLOROPHENYL)-5-(PHENACYLTIO)-4H-1,2,4-TRIAZOLE-
3-ACETONITRILE, MONOHYDROBROMIDE $C_{18}H_{13}ClN_4OS \cdot HBr$

Mol. Wt. 449.76

M.P. 196-198°C

Source of Sample: Maybridge Chemical Company Ltd.,
North Cornwall, England

KBr Wafer

