

Standard
Infrared
Grating Spectra
Volume 23-24
22001 - 24000



SADTLER RESEARCH LABORATORIES, INC.

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STANDARD GRATING SPECTRA



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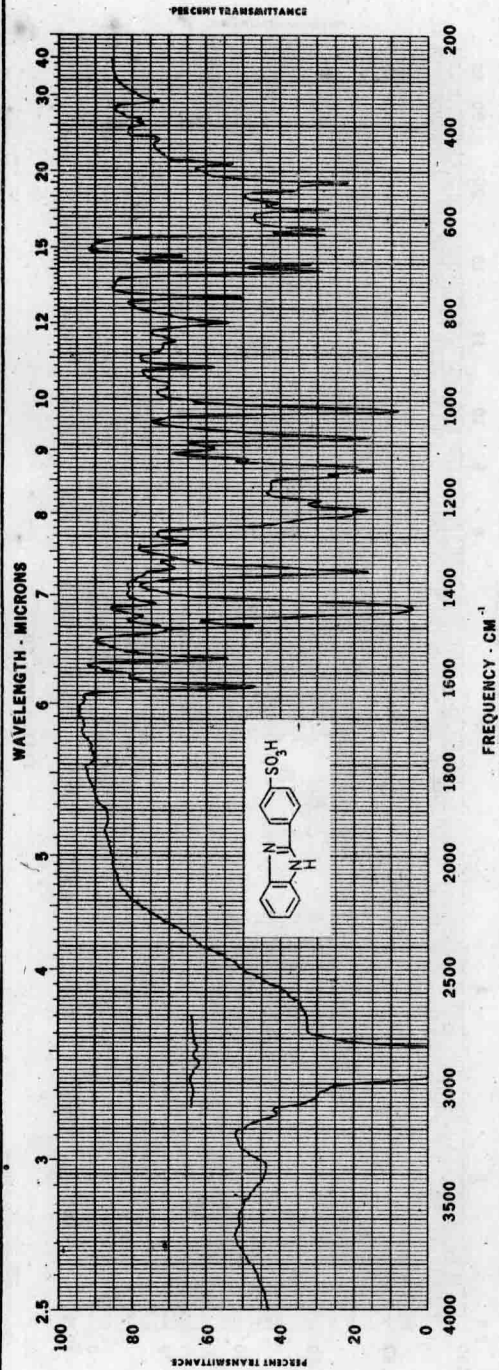
p-(2-BENZIMIDAZOLYL) BENZENESULFONIC ACID

C₁₃H₁₀N₂O₃S

M.W. 274.30

M.P. >300°C

Split Mull



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Source: Aldrich Chemical Company, Milwaukee, Wisconsin

22001 K

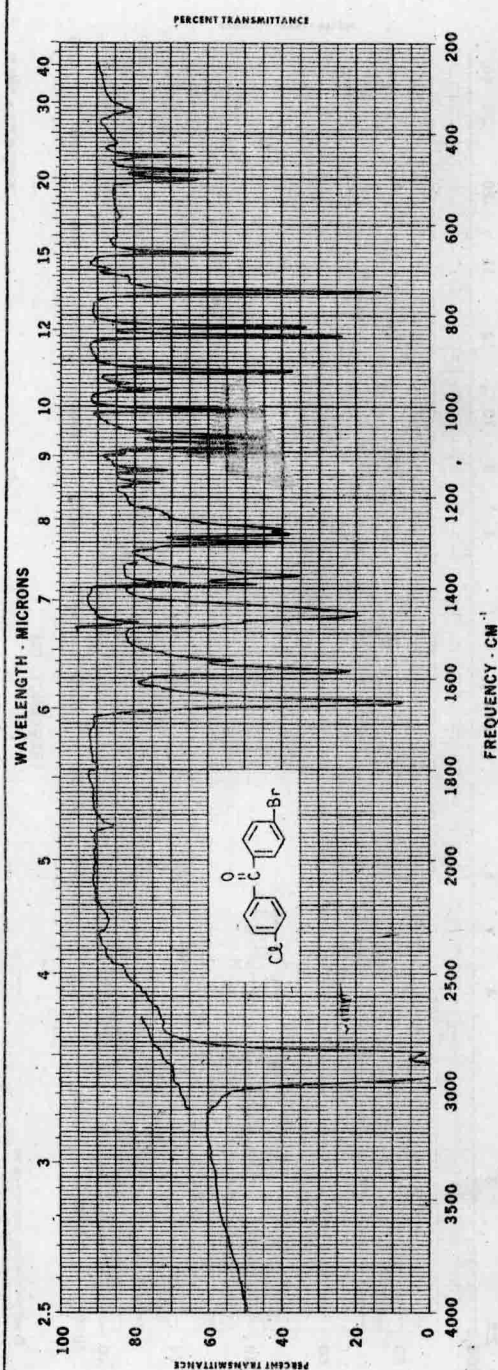
4-BROMO-4'-CHLOROBENZOPHENONE

C₁₃H₈BrClO

M.W. 295.57

M.P. 147-148.5°C

Split Mull

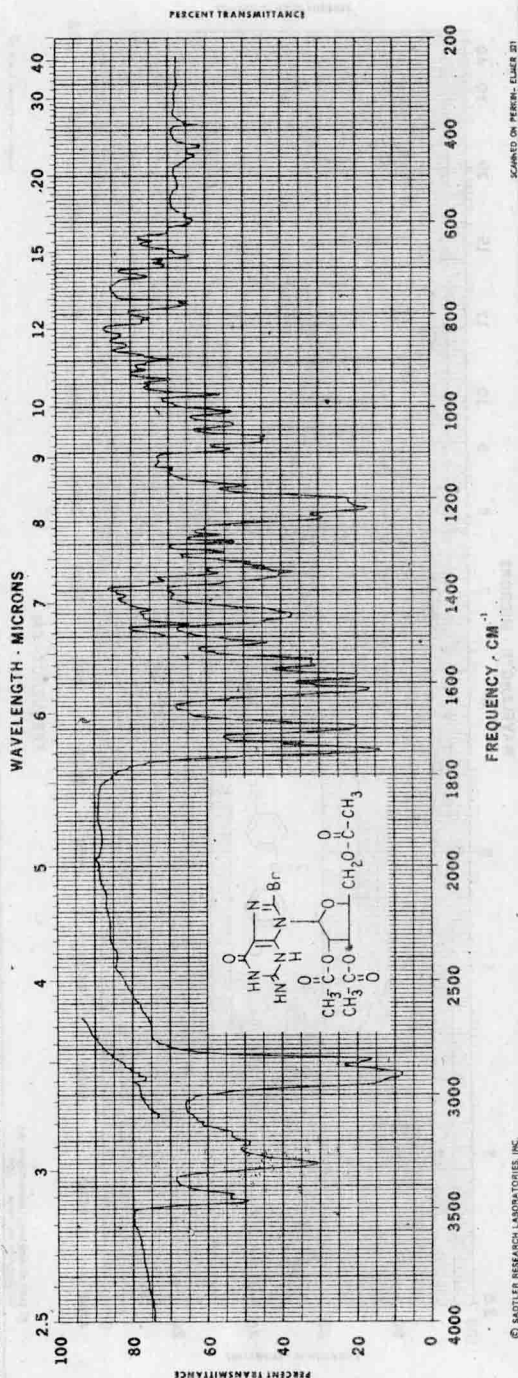


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Source: Aldrich Chemical Company, Milwaukee, Wisconsin

22002 K

8-BROMOGUANOSINE, 2',3',5',-TRIACETATE



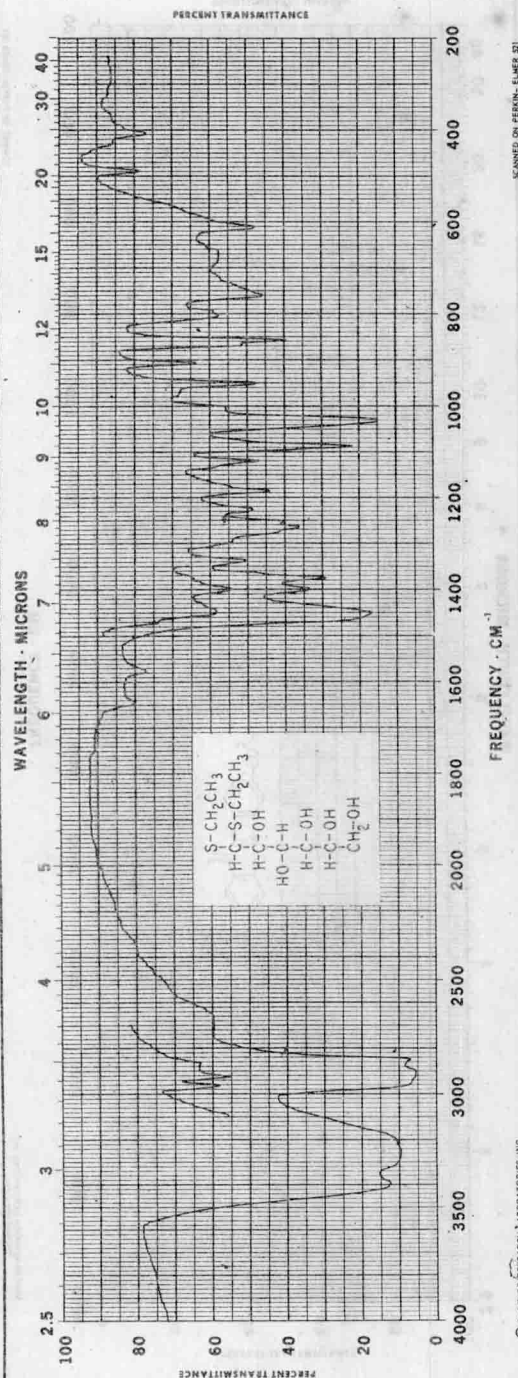
$C_{16}H_{18}BrN_5O_8$
 M.W. 488.26
 M.P. 213-214°C
 Split Mull

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Source: Aldrich Chemical Company, Milwaukee, Wisconsin

22003 K

D-(-)-GLUCOSE, DIETHYL MERCAPTAL



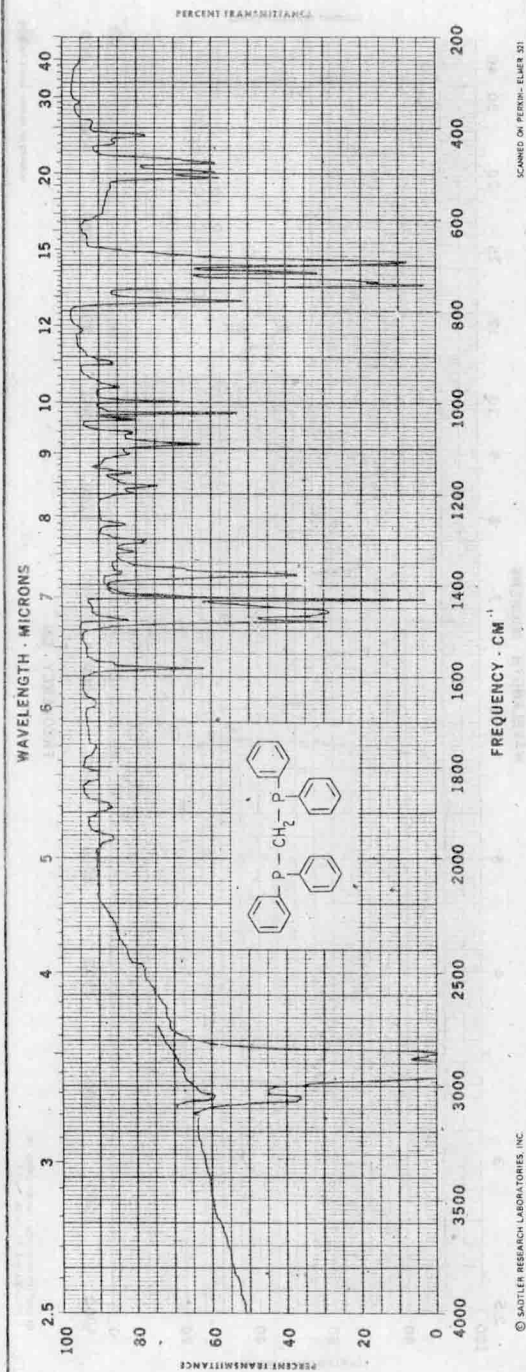
$C_{10}H_{22}O_5S_2$
 M.W. 286.41
 M.P. 127-129°C
 $[\alpha]_D^{50} -35^\circ$
 (c = 5, water)
 Split Mull

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Source: Aldrich Chemical Company, Milwaukee, Wisconsin

22004 K

METHYLENEBIS[DIPHENYLPHOSPHINE]



C₂₅H₂₂P₂

M.W. 384.40

M.P. 105-110°C

Split Mull

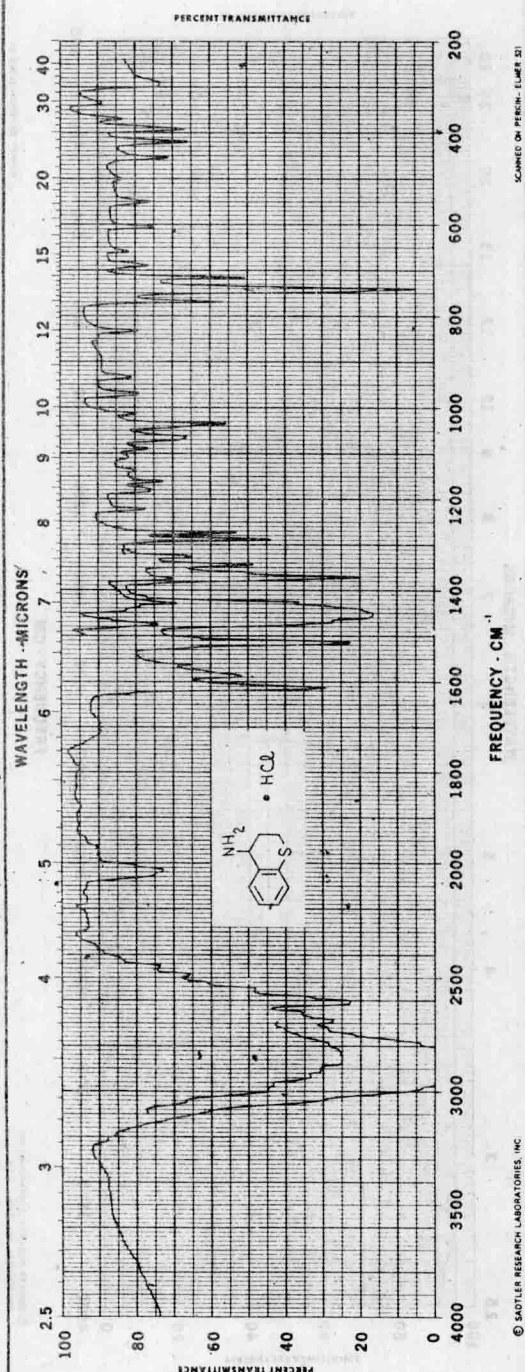


©1972

Source: Aldrich Chemical Company, Milwaukee, Wisconsin

22005 K

4-AMINOTHIOPHRAN, HYDROCHLORIDE



C₉H₁₁NS • HCl

M.W. 201.72

M.P. 233-234.5°C

Split Mull

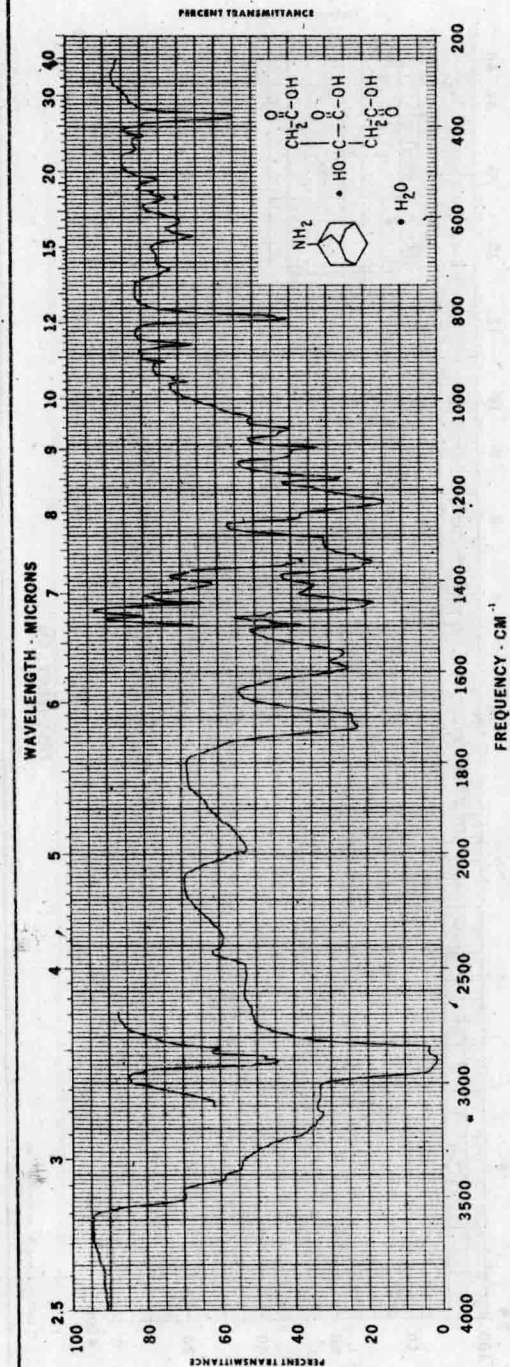


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Source: Aldrich Chemical Company, Milwaukee, Wisconsin

22006 K

1-ADAMANTANAMINE, CITRATE, MONOHYDRATE



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Source: Aldrich Chemical Company, Milwaukee, Wisconsin

22007 K

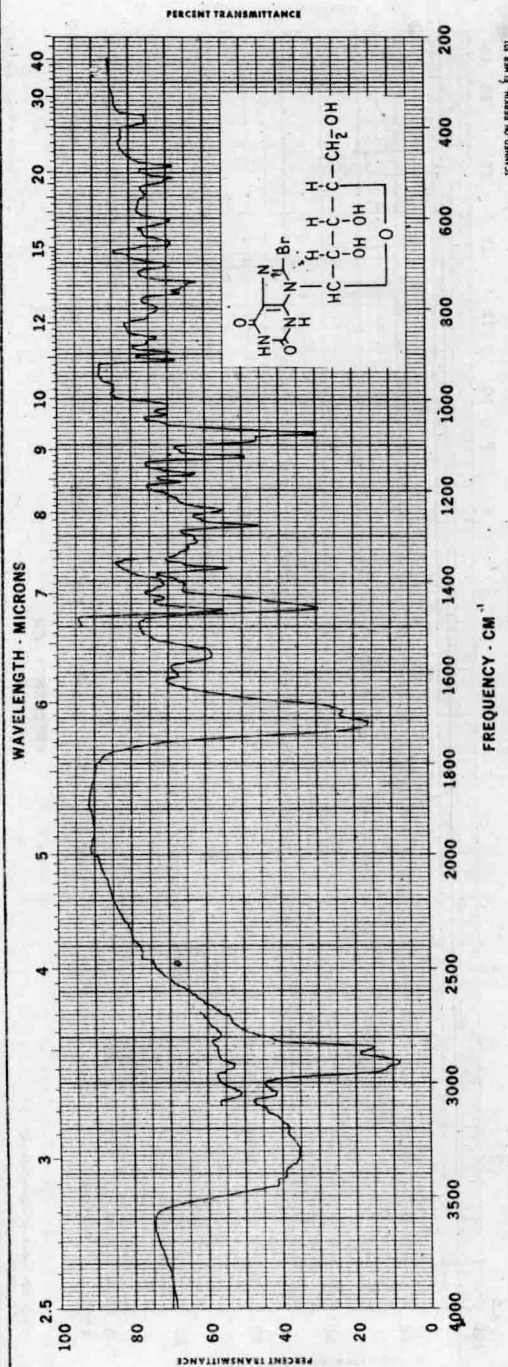
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$C_{10}H_{17}N \cdot C_6H_8O_7$
• H_2O

M.W. 361.40
M.P. 136°C (dec.)

Split Mull

8-BROMOXANTHOSINE



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Source: Aldrich Chemical Company, Milwaukee, Wisconsin

22008 K

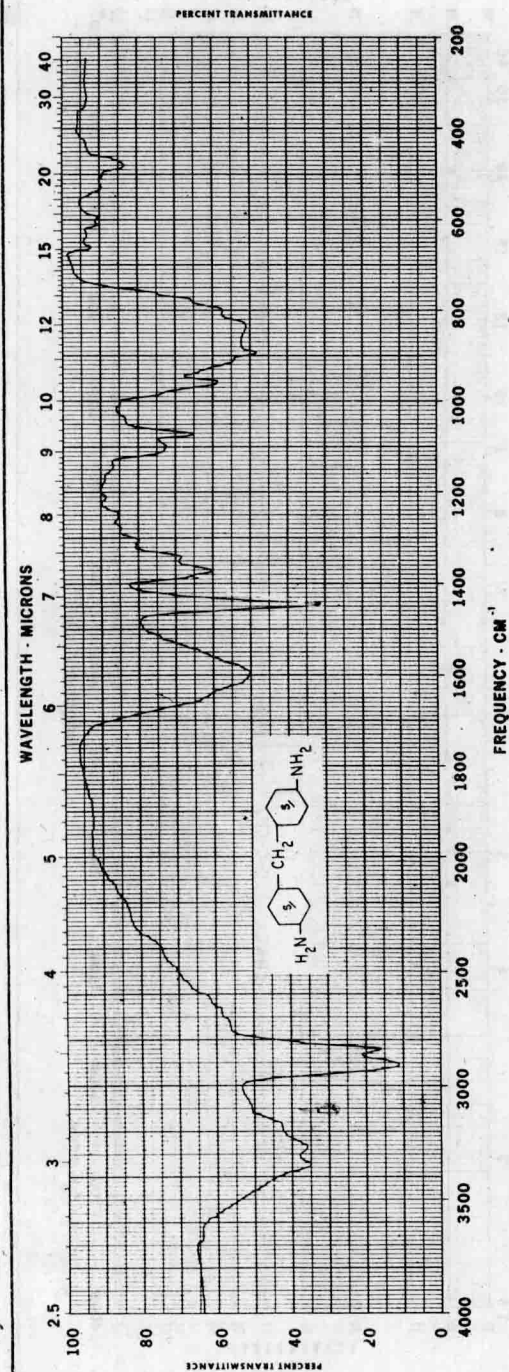
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$C_{10}H_{11}BrN_4O_6$

M.W. 363.13

Split Mull

4,4'-METHYLENEBISCYCLOHEXYLAMINE



C₁₃H₂₆N₂

M.W. 210.37

M.P. 48-51°C

Capillary Cell:
Melt

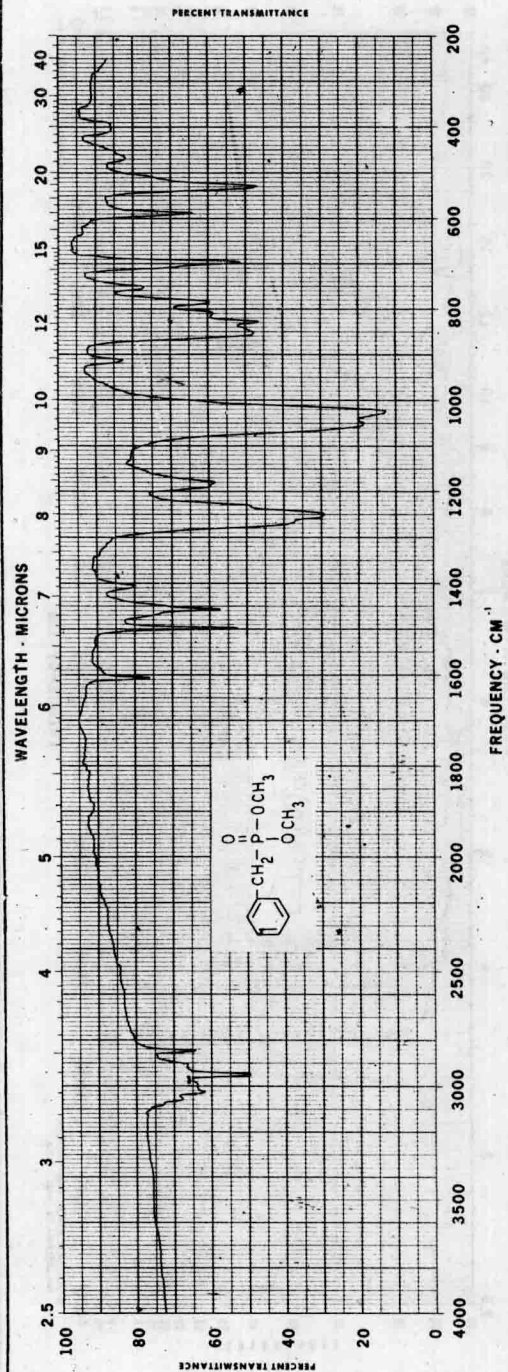


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22009 K

Source: Aldrich Chemical Company, Milwaukee, Wisconsin

BENZYLPHOSPHONIC ACID, DIMETHYL ESTER



C₉H₁₃O₃P

M.W. 200.17

B.P. 114°C/0.75mm

²⁰n_D 1.5152

Capillary Cell:
Neat

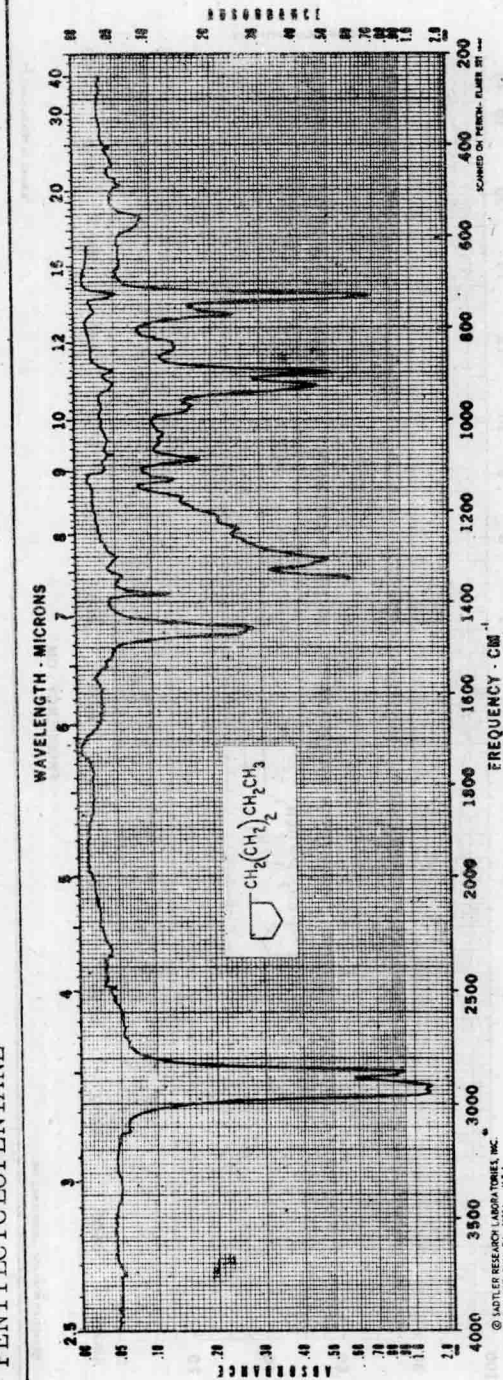


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22010 K

Source: Aldrich Chemical Company, Milwaukee, Wisconsin

PENTYLCYCLOPENTANE



C₁₀H₂₀

M.W. 140.27

²⁰n_D 1.4357

Capillary Cell:
Neat

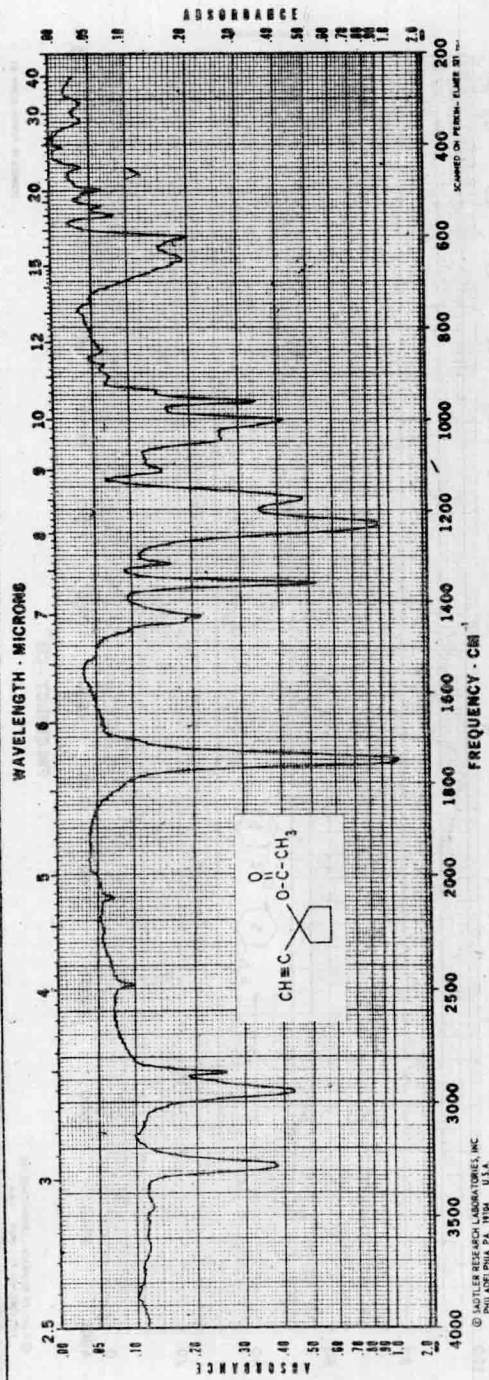


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22011 K

Source: Aldrich Chemical Company, Milwaukee, Wisconsin

1-ETHYNYLCYCLOPENTANOL, ACETATE



C₉H₁₂O₂

M.W. 152.19

Ref.:
JACS 91, 3289
(1969)

Capillary Cell:
Neat

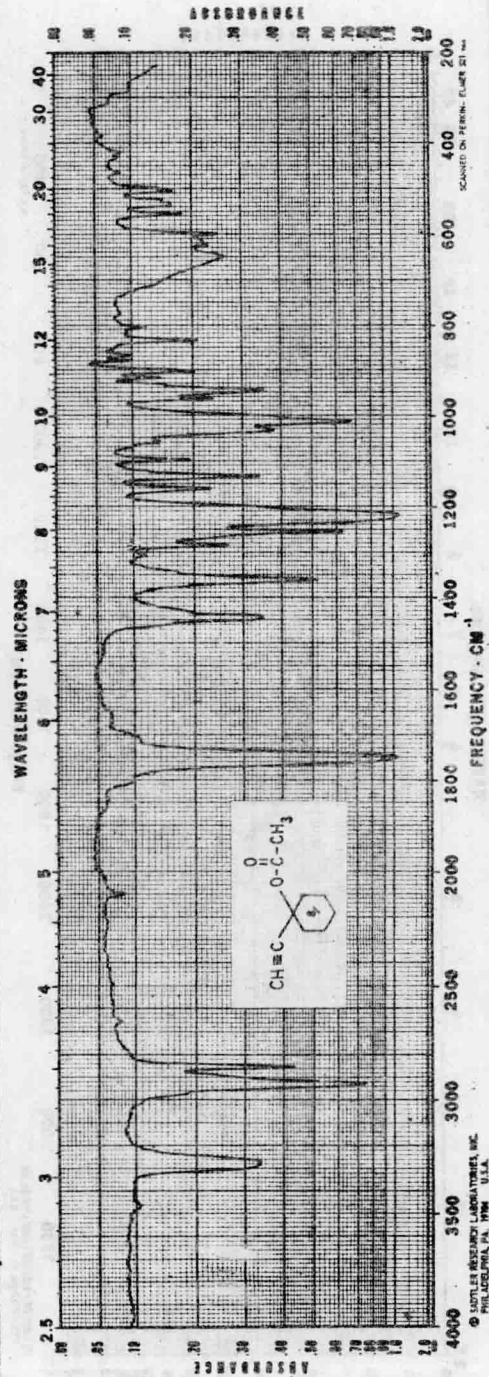


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22012 K

Source: P. Crabbé, Syntex, S. A., Mexico

1-ETHYNYLCYCLOHEXANOL, ACETATE



C₁₀H₁₄O₂

M.W. 166.22

Ref.: JACS 91, 3289 (1969)

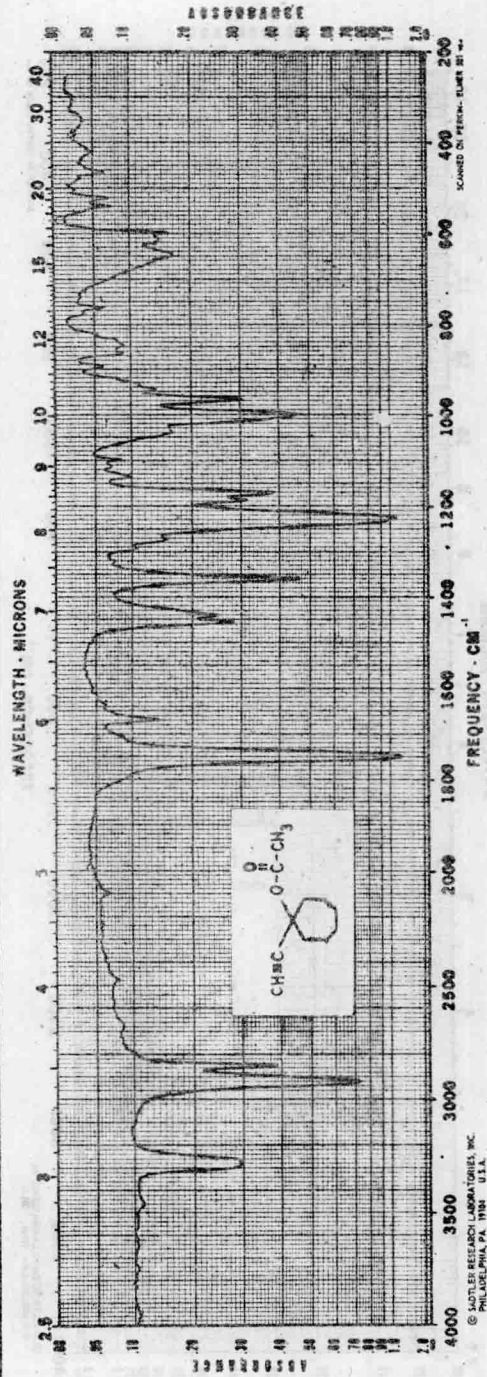
Capillary Cell: Neat



Source: P. Crabbé, Syntex, S. A., Mexico

22013 K

1-ETHYNYLCYCLOHEPTANOL, ACETATE



C₁₁H₁₆O₂

M.W. 180.25

Ref.: JACS 91, 3289 (1969)

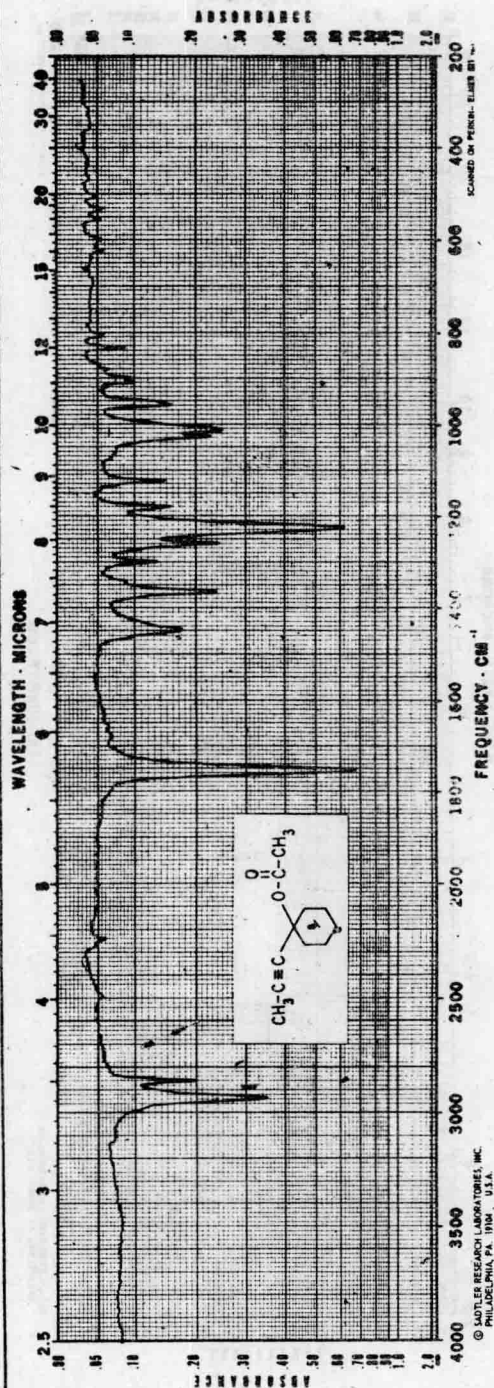
Capillary Cell: Neat



Source: P. Crabbé, Syntex, S. A., Mexico

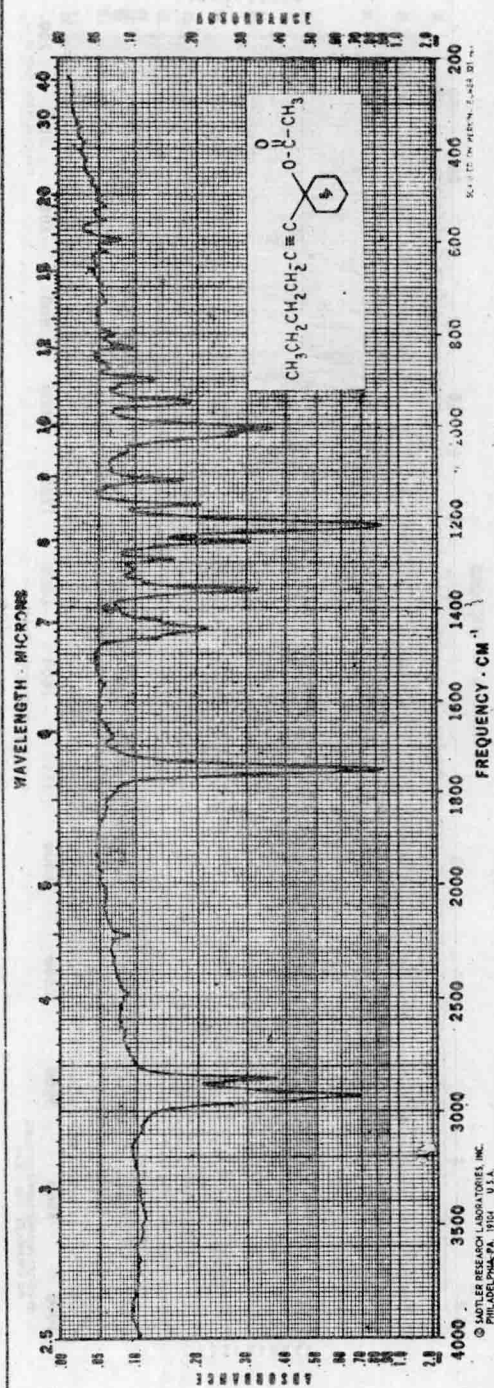
22014 K

1-(1-PROPYNYL)CYCLOHEXANOL, ACETATE



Source: P. Crabbe, Syntex, S. A., Mexico

1-(1-HEXYNYL)CYCLOHEXANOL, ACETATE



Source: P. Crabbe, Syntex, S. A., Mexico

C₁₁H₁₆O₂

M.W. 180.25

B.P. 67°C/0.5mm

n_D²⁵ 1.4727

Ref.:

JACS 91, 3289

(1969)

Capillary Cell:

Neat

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22015 K

C₁₄H₂₂O₂

M.W. 222.33

B.P. 73°C/0.5mm

n_D²⁴ 1.4670

Ref.:

JACS 91, 3289

(1969)

Capillary Cell:

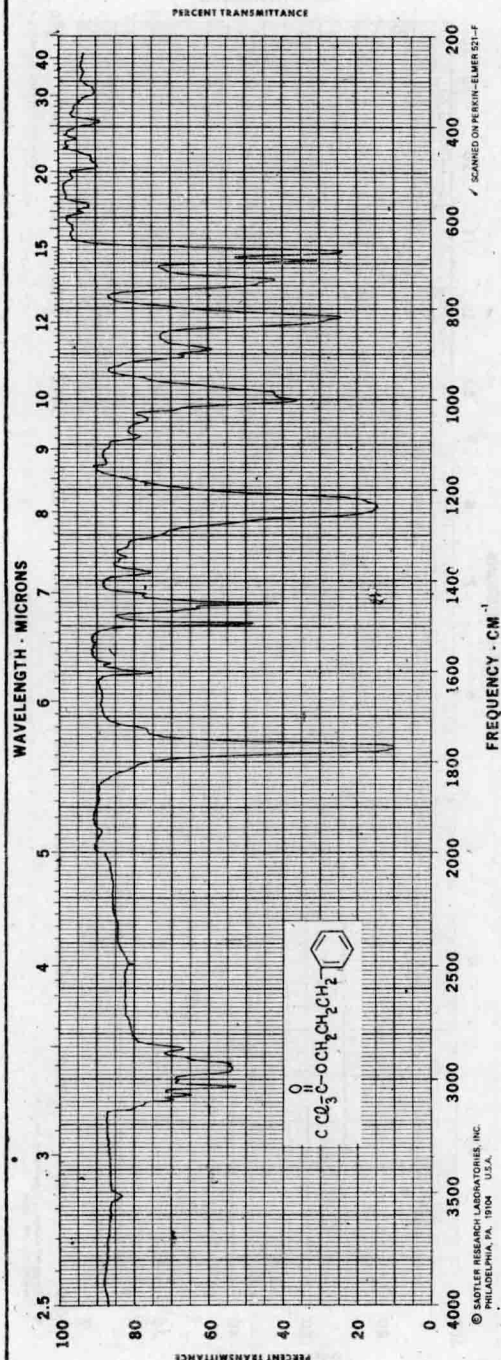
Neat

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22016 K

TRICHLOROACETIC ACID, 3-PHENYLPROPYL ESTER



$C_{11}H_{11}Cl_3O_2$

M.W. 281.57

Capillary Cell:
Neat

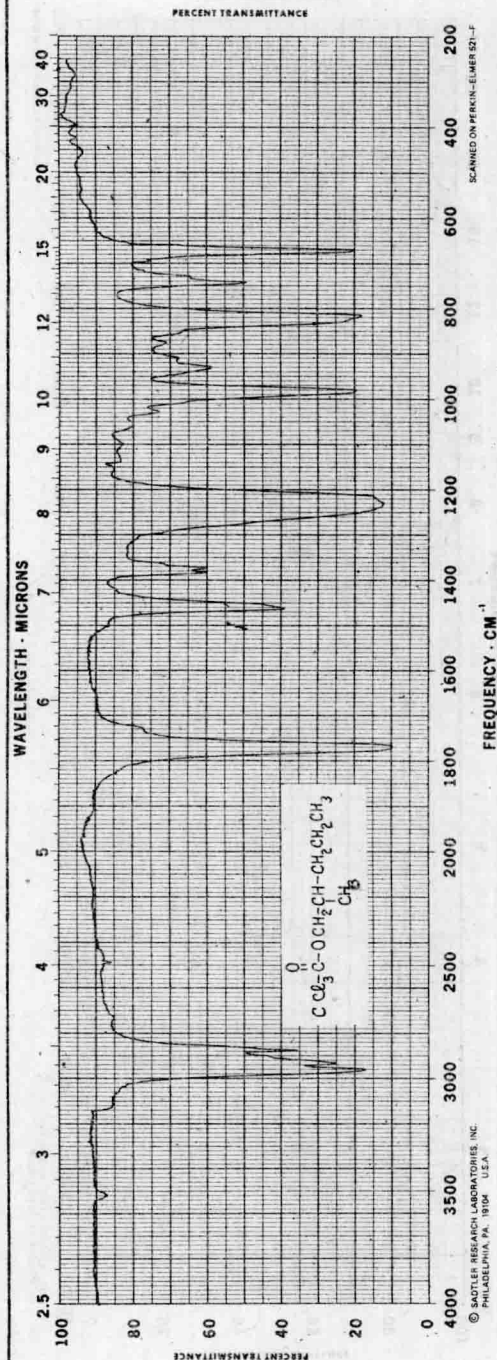


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Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.

22017 K

TRICHLOROACETIC ACID, 2-METHYLPENTYL ESTER



$C_8H_{13}Cl_3O_2$

M.W. 247.55

Capillary Cell:
Neat



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Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.

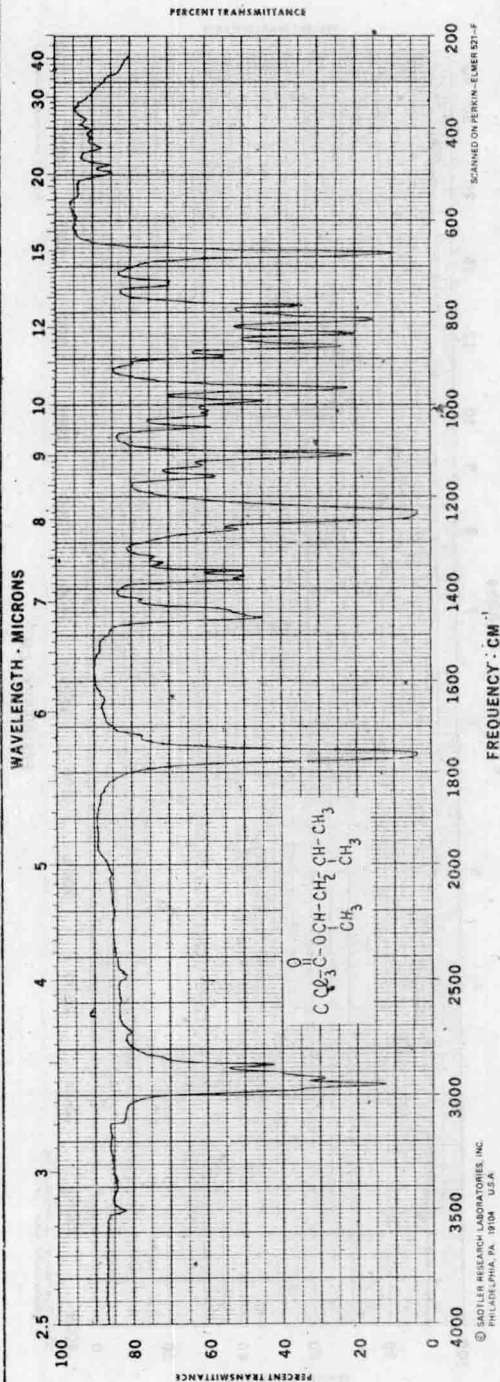
22018 K

TRICHLOROACETIC ACID, 1,3-DIMETHYLBUTYL ESTER

$C_8H_{13}Cl_3O_2$

M.W. 247.55

Capillary Cell:
Neat



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Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.

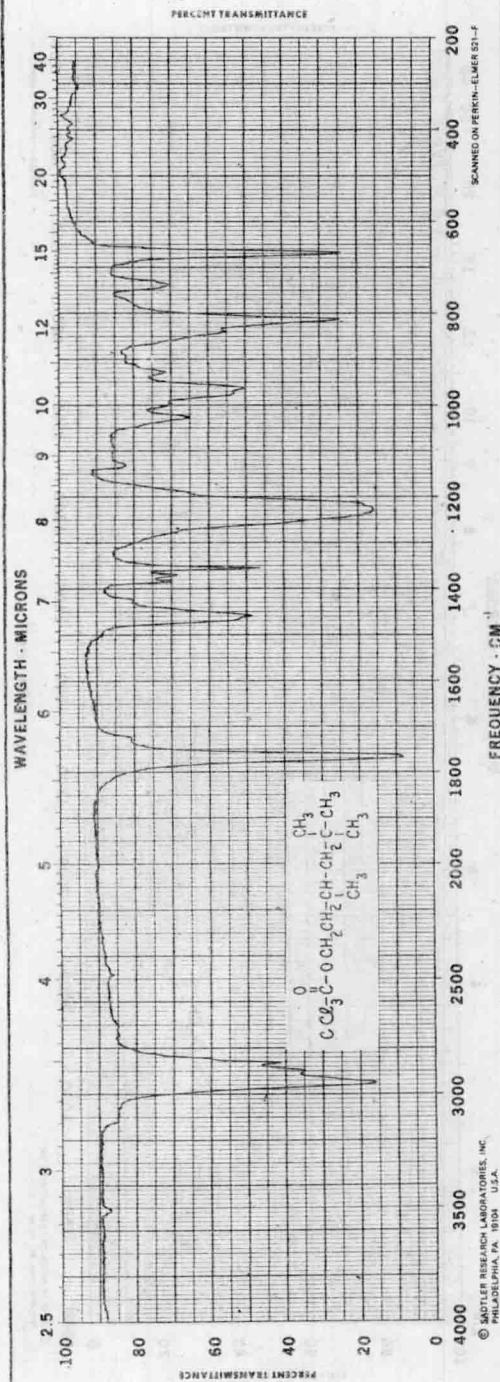
22019 K

TRICHLOROACETIC ACID, 3,5,5-TRIMETHYLHEXYL ESTER

$C_{11}H_{19}Cl_3O_2$

M.W. 289.63

Capillary Cell:
Neat



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22020 K

TRIFLUOROACETIC ACID, 1-METHYLPENTYL ESTER

$C_8H_{13}F_3O_2$

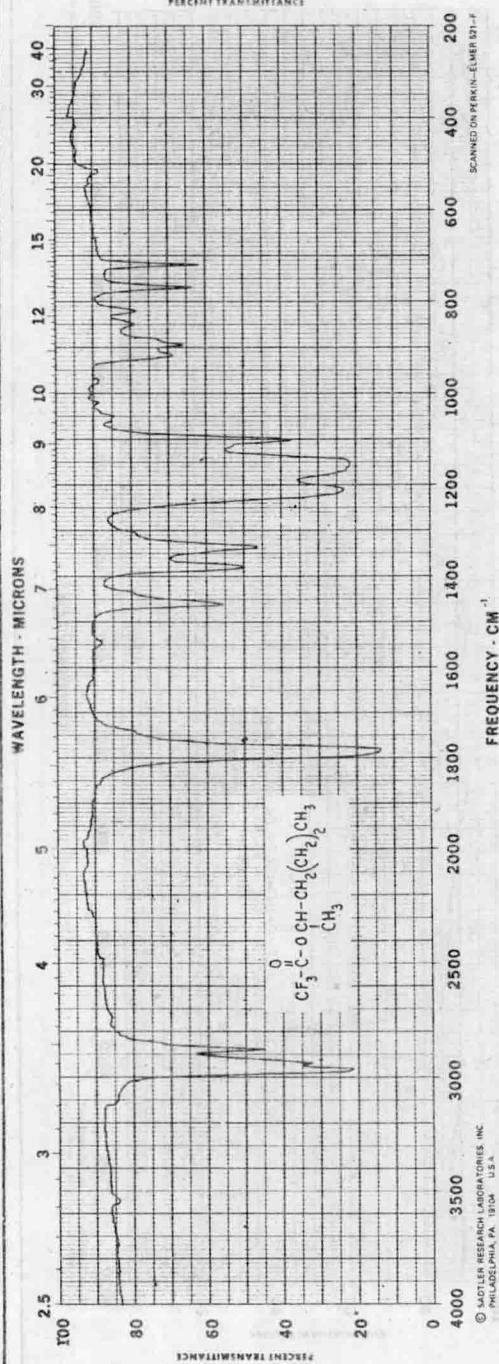
M.W. 198.19

Capillary Cell:
Neat



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22021 K



Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.

TRIFLUOROACETIC ACID, 1-tert-BUTYLBUTYL ESTER

$C_{10}H_{17}F_3O_2$

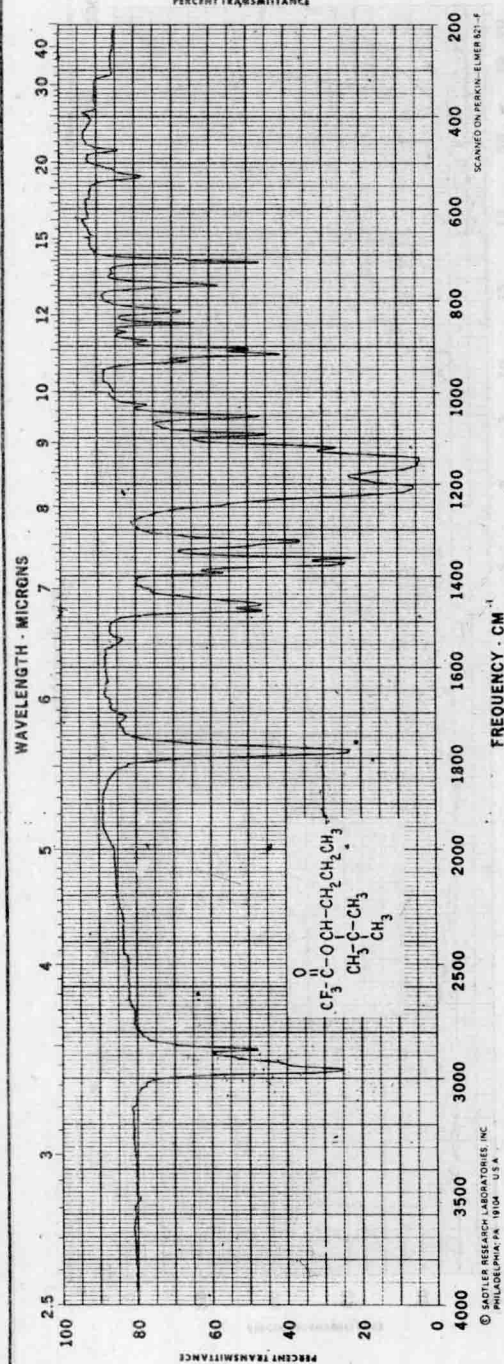
M.W. 226.24

Capillary Cell:
Neat



©1972

22022 K



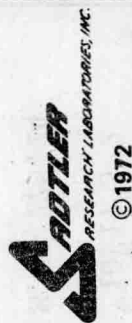
Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.

TRIFLUOROACETIC ACID, 1-ISOPROPYLBUTYL ESTER

$C_9H_{15}F_3O_2$

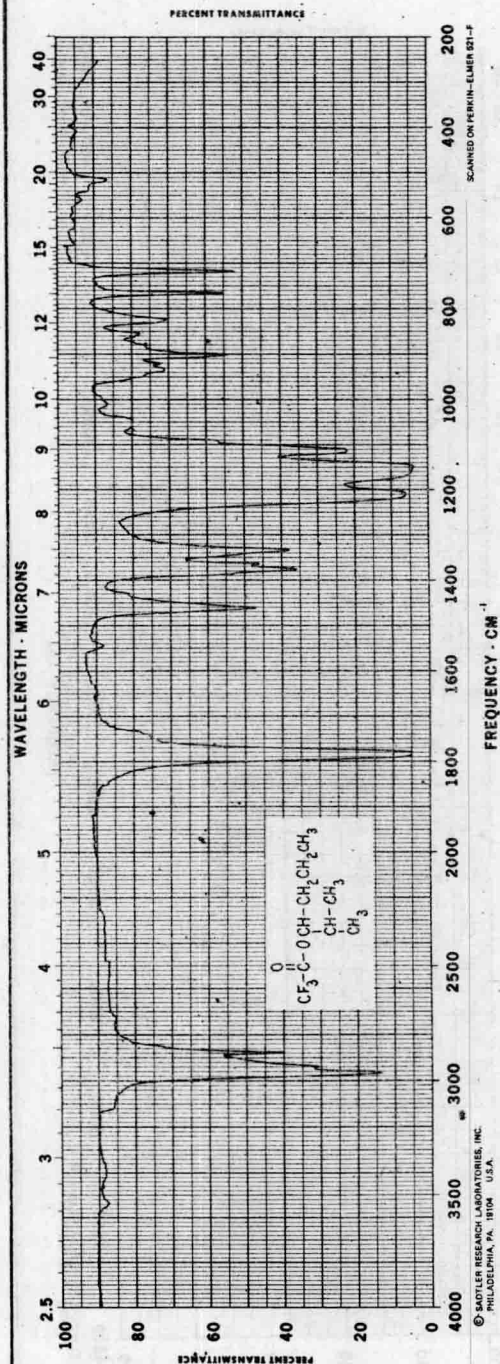
M.W. 212.21

Capillary Cell:
Neat



22023 K

Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.



TRIFLUOROACETIC ACID, 1-ETHYL-1-METHYLBUTYL ESTER

$C_9H_{15}F_3O_2$

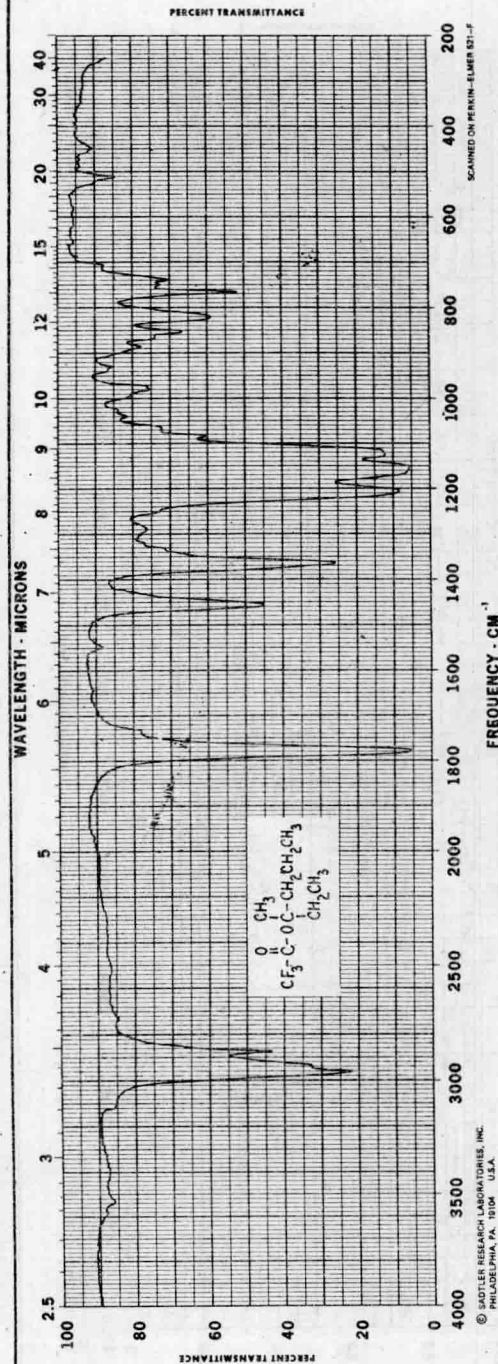
M.W. 212.21

Capillary Cell:
Neat

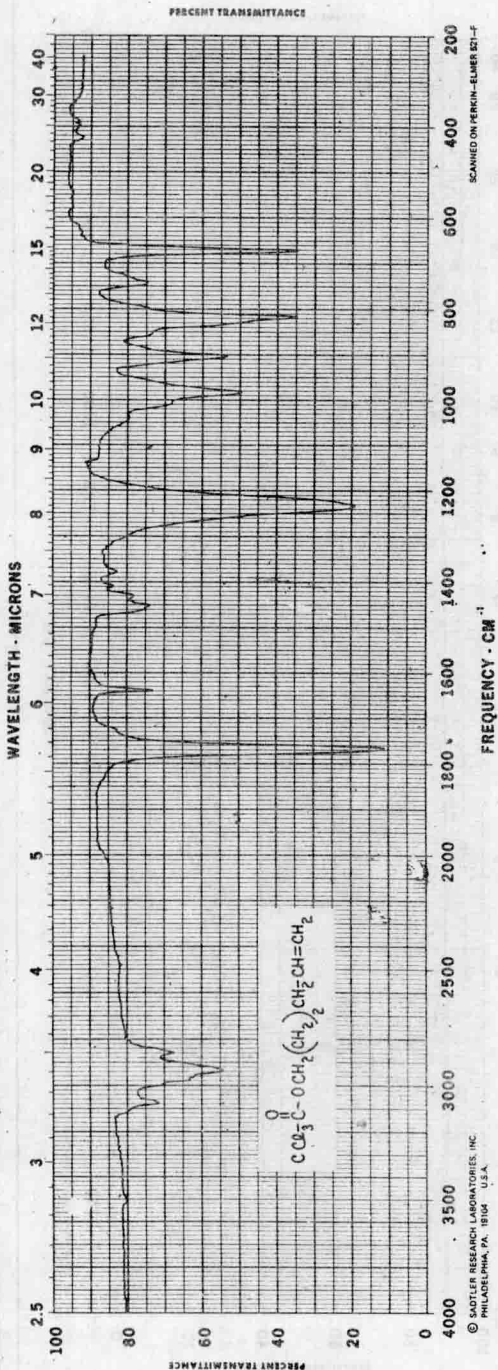


22024 K

Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.



1-HEXEN-6-OL, TRICHLOROACETATE



C₈H₁₁Cl₃O₂

M.W. 245.53

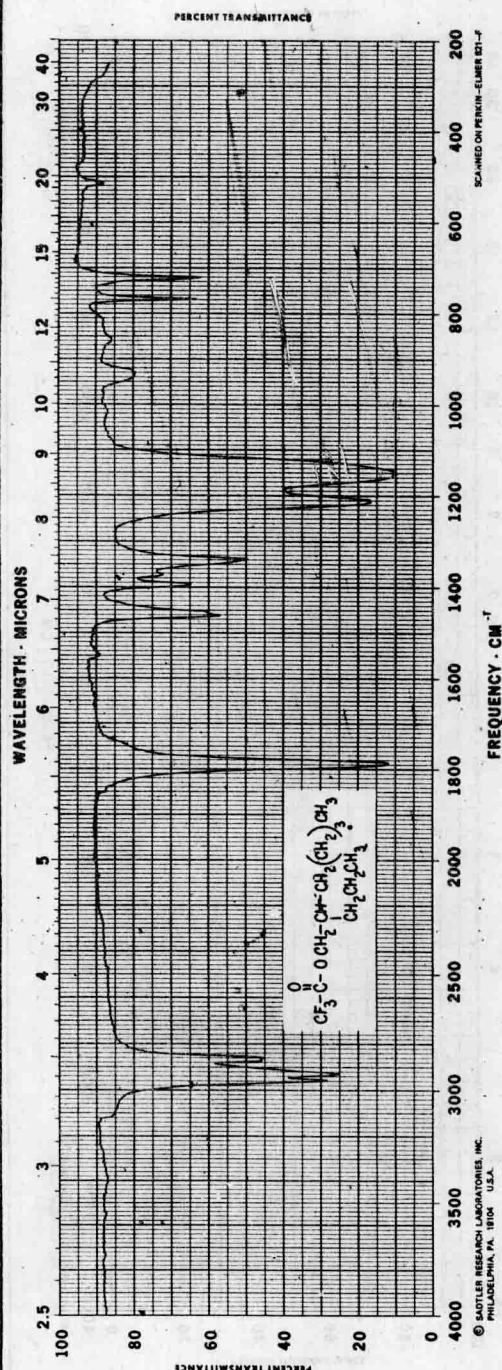
Capillary Cell:
Neat



Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.

22025 K

TRIFLUOROACETIC ACID, 2-PROPYLHEPTYL ESTER



C₁₂H₂₁F₃O₂

M.W. 254.30

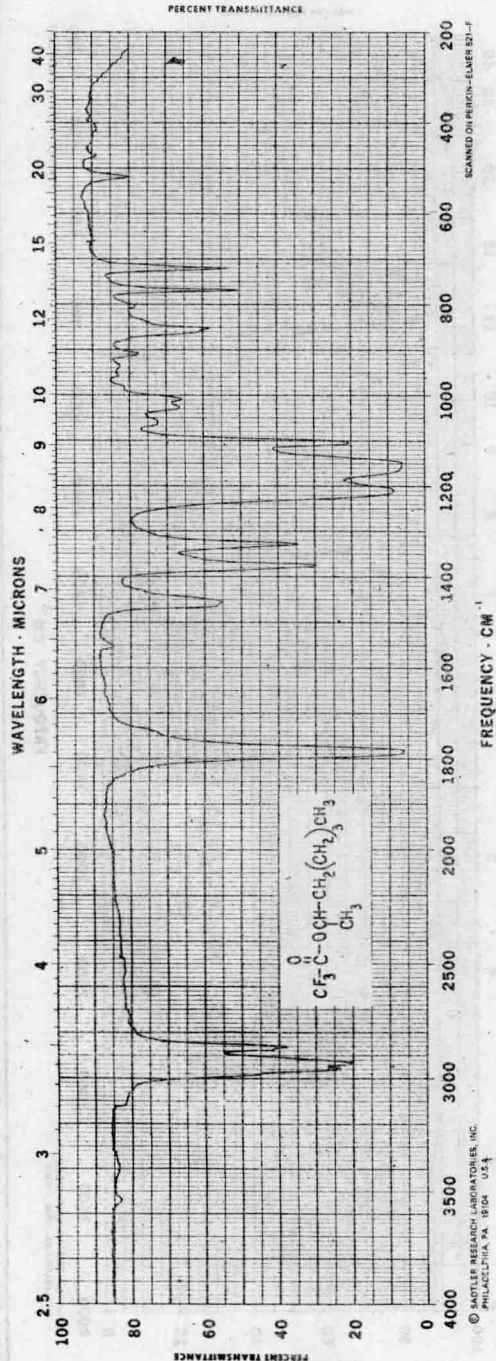
Capillary Cell:
Neat



Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.

22026 K

TRIFLUOROACETIC ACID, 1-METHYLHEXYL ESTER



C₉H₁₅F₃O₂

M.W. 212.21

Capillary Cell:
Neat

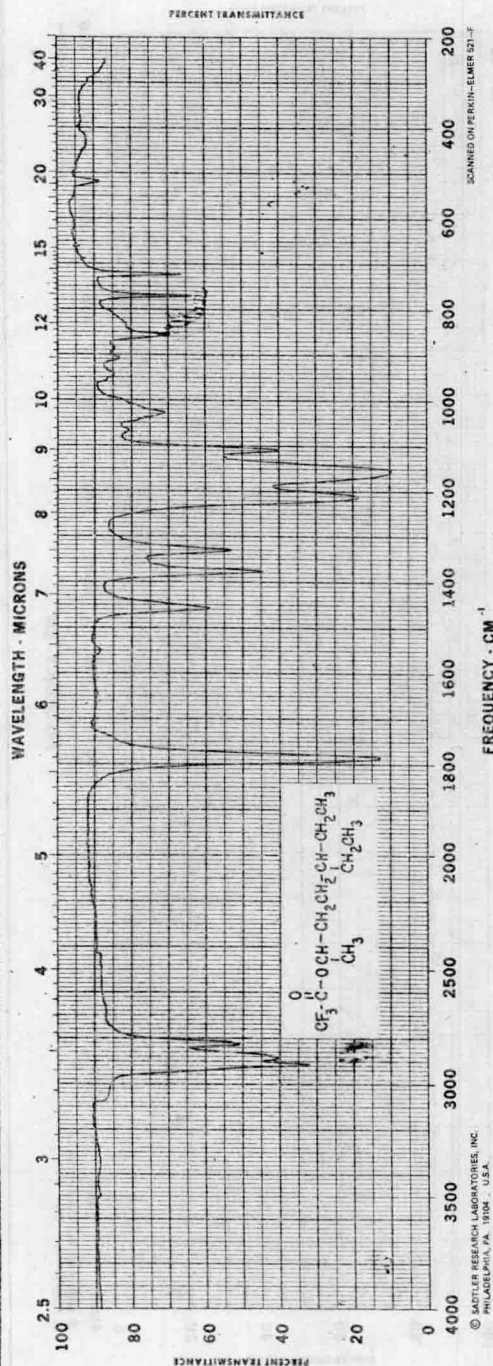


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Source: W. Simons, Sadtler Research Laboratories, Inc., Philadelphia, Pa.

22027 K

TRIFLUOROACETIC ACID, 4-ETHYL-1-METHYLHEXYL ESTER



C₁₁H₁₉F₃O₂

M.W. 240.27

Capillary Cell:
Neat



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22028 K