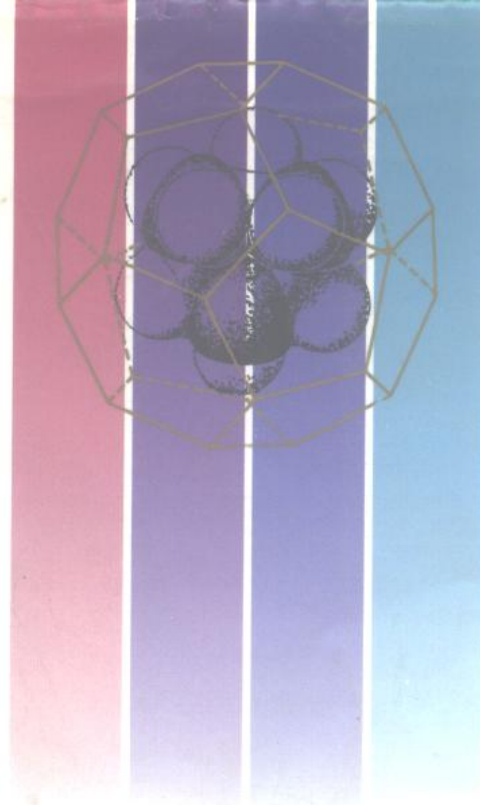




英汉精细化学品 辞典

AN ENGLISH-CHINESE
DICTIONARY OF
FINE CHEMICALS

樊能廷
任建南 主编
孙福生

北京理工大学出版社

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内 容 简 介

本书是一本综合性英汉精细化学品辞典,全书约 357 万字。搜集的化学品包括至九十年代初已商品化的无机化学产品、有机化学产品、生物化学产品、矿产化学品和天然化合物等,共有精细化工产品一万八千余种。每种产品列有英文名称、化学文摘登录号、中文名称、别名、结构式、分子或分子量、理化性质、功能与用途、制造方法、参考文献等内容。书末附有分子式索引,便于读者检索。

本书内容丰富、文字规范、资料新颖、实用性强,是一本重要的专业工具书。

本书可供从事化工产品贸易、生产、经营、管理者以及从事与化学化工有关行业的教学和科研的科技人员使用,也适合大中专学生和研究生使用。

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前言

随着我国有关业界、学界与世界各国贸易、交流的日益发展,许多读者想有一本便于使用的英汉化学品的专门工具书;为了促进精细化学品的贸易、生产、教学、科研,并为化学化工同类工具书添一佳作,我们编纂出版这本《英汉精细化学品辞典》。我辈偶涉笔墨生涯,为求佳作,修习于役,不日不月,巨卷乃成,期文章之得意也。

本辞典以化学物质为叙述对象,每种化学物质列为一个词条。为节省篇幅计,词条中的化学结构式,凡可用横列式表达清楚的,都用横列式表达;必须用图形表达的结构式,则力求电脑制作准确、精美的图形结构式,以饷读者。

本书的收词主要参考 Aldrich 公司《Catalog Handbook of Fine Chemicals》、日本化学工业日报社《11290の化学商品》、中国医药公司上海化学试剂采购供应站《试剂手册》,总共收词一万八千四百余条。

全书的正文之后,附有详尽的分子式索引,务请读者诸君多加利用。由一个化学物质的分子式,通过分子式索引,可以找到它的许多中、英文名;无疑,这大大地方便了读者使用本辞书。

本书的词条中,有些频繁使用的符号,它们的意思,见“符号释义”。

编者任特生、姚建明、张俭、张文芳、麻左力诸君,参加本书编写工作,在词条采撷、文字释义、结构式绘制、稿件打印等方面,出力良多;因为各人的工作在书中穿插交错,心珠可莹,又难以一一列出,兹予说明;他们的辛勤劳动,比如春雨,润物无声,不仅对本书颇有助益,更可默化学者,得真知识,实为上善。

本书蒙欧育湘教授认真审阅、海谕,作者深以为幸并致谢意。

全书图文虽经反复校勘,但囿于编者水平和时间所限,难免还有漏误之处,敬祈读者提出宝贵意见,待后来补正。



樊能廷



任建南



孙福生

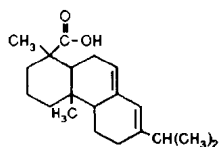
符 号 释 义

<i>Beil.</i>	《BEILSTEIN Handbook of Organic Chemistry》
bp	沸点
c	质量百分浓度
<i>Chem. Abstr.</i> ,	美国化学文摘
d	密度
<i>Fieser</i>	Mary Fieser and Louis F. Fieser, 《Reagents for Organic Synthesis》
Fp	闪点
FW	分子量
<i>Merck Index</i>	MERCK & CO. , INC. , 《THE MERCK INDEX》
MF	分子式
mm	毫米汞柱
mp	熔点
n_D^{20}	20 摄氏度的折光率
nm	纳米
<i>Patent</i>	专利说明书
$[\alpha]$	旋光指数
$\lambda_{\max}$	紫外最大吸收峰波长
°	度
°C	摄氏度
11290	(日)化学工业日报社, 11290 の化学商品
☆	别名、又名

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O	973
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Q	1088
R	1092
S	1102
T	1135
U	1263
V	1267
W	1274
X	1275
Y	1278
Z	1280
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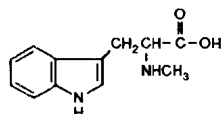
Abietic acid [514-10-3] 枞酸



MF $C_{20}H_{30}O_2$ FW 302.46 mp 140-142 °C

Beil. 9(2),424 Merck Index 11,2 刺激性

L-Abrine [526-31-8] L-红豆碱



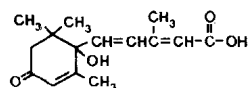
N-Methyl-L-tryptophan

MF $C_{12}H_{14}N_2O_2$ FW 218.26

mp 295 °C (分解) $[\alpha]_D^{20} +44.6^\circ$ (c=2.8, 0.5N HCl) Beil. 22(3),6776 Merck Index 11,5

(+)-2-cis,4-trans-Absciscic acid [21293-29-8]

(+)-2-顺,4-反-脱落酸 ☆ ABA

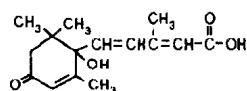


MF $C_{15}H_{20}O_4$ FW 264.32 mp 160-161 °C

Merck Index 11,6 轻度过敏

(+)-2-cis,4-trans-Absciscic acid [14375-45-2]

(+)-2-顺,4-反-脱落酸



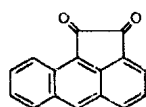
MF $C_{15}H_{20}O_4$ FW 264.32 mp 188-190 °C

Merck Index 11,6 轻度过敏

Acacia [9000-01-5] 阿拉伯树胶

Gum arabic Merck Index 11,10 刺激性

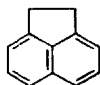
Acanthrenequinone [6373-11-1] 醌葱酮



1,2-Acanthrylenedione MF $C_{16}H_8O_2$

FW 232.24 mp 271-273 °C Beil. 7(1),436

Acenaphthene [83-32-9] 二氢苊

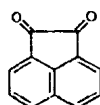


MF $C_{12}H_{10}$ FW 154.21 mp 93-95 °C

bp 279 °C Beil. 5,586 Merck Index 11,23

刺激性

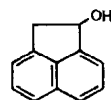
Acenaphthenequinone [82-86-0] 苊醌



MF $C_{12}H_6O_2$ FW 182.18

mp 250-252 °C (分解) Beil. 7,744 刺激性

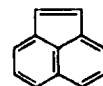
1-Acenaphthenol [6306-07-6] 1-羟基二氢苊



MF $C_{12}H_{10}O$ FW 170.21 mp 147-148 °C

Beil. 6(2),628

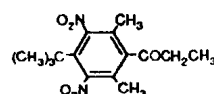
Acenaphthylene [208-96-8] 苊



MF $C_{12}H_8$ FW 152.20 mp 89-91 °C

bp 280 °C d 0.899 Beil. 5,625 刺激性

Acephene [81-14-1] 4-叔丁基-2,6-二甲基-3,5-二硝基苯基·乙基酮



☆ 4-(1,1-Dimethylethyl)-2,6-dimethyl-3,5-dinitrophenyl ethyl ketone

MF $C_{15}H_{20}N_2O_5$ FW 344.80 11290,1382

除草剂.

ACES [7365-82-4] N-(氨基甲酰甲基)牛磺酸

$H_2NCOCH_2NHCH_2CH_2SO_3H$

☆ N-(2-Acetamido)-2-aminoethanesulfonic acid ☆ N-(Carbamoylmethyl)taurine

MF $C_4H_{10}N_2O_4S$ FW 182.20

mp >220 °C (分解) 在 20 °C 时 pKa=6.9 生理学 pH 范围内的缓冲剂.

Biochemistry. 5, 467(1966).

Acetal [105-57-7] 乙醛缩二乙醇

$CH_3CH(OC_2H_5)_2$

☆ Acetaldehyde diethyl acetal MF $C_6H_{14}O_2$ FW 118.18 bp 102 °C n_D^{20} 1.3810 d 0.831

Fp -21 °C Beil. 1,603 Merck Index 11,31

易燃性液体 制备糖类亚乙基衍生物的试剂.

J. Chem. Soc., 4232 (1955). Ibid., 3316 (1957).

Acetaldehyde-d₄ [1632-89-9] (²H₄) 乙醛

CD_3CDO

MF C_2D_4O FW 48.09 bp 20.5 °C

n_D^{20} 1.3321 d 0.860 Fp -27 °C

Beil. 4(3),2640 致癌可疑物 易燃性液体

Acet(aldehyde-d) [4122-13-8] 乙(²H)醛

CH_3CDO

MF C_2H_3DO FW 45.06 bp 20-21 °C

n_D^{20} 1.3330 d 0.806 Fp -27 °C

Beil. 4(3),2640 致癌可疑物 易燃性液体

Acetaldehyde [75-07-0] 乙醛

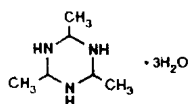
CH_3CHO

MF C_2H_4O FW 44.05 mp -125 °C bp 21 °C

1107048

n_D^{20} 1.3316 d 0.788 Fp -40°C Beil. 1,594
Fieser 1,3 Merck Index 11,32 致癌可疑物
易燃性液体 储存中可能生成三聚体, 蒸馏又
产生乙醛.

Acetaldehyde ammonia trimer [75-39-8]
乙醛合氨三缩聚体

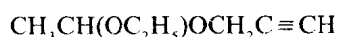


☆ Hexahydro-2,4,6-trimethyl-1,3,5-triazine trihydrate MF $\text{C}_6\text{H}_{15}\text{N}_3$ FW 183.25
mp 96°C (分解) bp 110°C Fp 55°C
Beil. 26,7 11290,632 刺激性

Acetaldehyde dimethyl acetal [534-15-6]
乙醛缩二甲醇

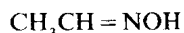


☆ 1,1-Dimethoxyethane ☆ Dimethyl acetal
MF $\text{C}_4\text{H}_{10}\text{O}_2$ FW 90.12 bp 64°C n_D^{20} 1.3660
 d 0.852 Fp -17°C Beil. 1,603
Merck Index 11,3215 易燃性液体 刺激性
(±)-Acetaldehyde ethyl propargyl acetal
[18669-04-0] 乙醛缩乙醇·炔丙醇



☆ 3-(1-Ethoxyethoxy)-1-propyne
MF $\text{C}_7\text{H}_{12}\text{O}_2$ FW 128.17 bp $138-140^\circ\text{C}$
 n_D^{20} 1.4140 d 0.898 Fp 30°C Beil. 1(4),3112
易燃性液体 刺激性

Acetaldoxime [107-29-9] 乙醛肟



MF $\text{C}_2\text{H}_5\text{NO}$ FW 59.07 bp 115°C
 n_D^{20} 1.4260 d 0.969 Fp 40°C Beil. 1,608
Fieser 1,3 Merck Index 11,35

Acetamide [60-35-5] 乙酰胺



MF $\text{C}_2\text{H}_5\text{NO}$ FW 59.07 mp $79-81^\circ\text{C}$
Beil. 2(2),177 Fieser 1,3 Merck Index 11,36
11290,1431 诱变剂

Acetamidine acetate [36896-17-0] 乙脒乙酸盐



☆ 乙酸乙脒 MF $\text{C}_4\text{H}_8\text{N}_2$ FW 118.14
mp 192°C (分解) 刺激性 吸湿性

Acetamidine hydrochloride [124-42-5]



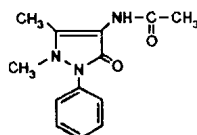
乙脒盐酸盐 ☆ 盐酸乙脒 MF $\text{C}_2\text{H}_6\text{N}_2$
FW 94.54 mp $168-170^\circ\text{C}$ Beil. 2,185
Merck Index 11,37 刺激性 吸湿性

2-Acetamidoacrylic acid [5429-56-1]
2-乙酰氨基丙烯酸



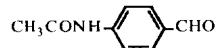
MF $\text{C}_5\text{H}_7\text{NO}_3$ FW 129.12
mp $185-186^\circ\text{C}$ (分解) Beil. 3(3),1157

4-Acetamidoantipyrine [83-15-8]



乙酰氨基安替比林 MF $\text{C}_{13}\text{H}_{15}\text{N}_3\text{O}_2$
FW 245.28 mp $201-203^\circ\text{C}$ Beil. 24,274

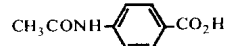
4-Acetamidobenzaldehyde [122-85-0]



4-乙酰氨基苯甲醛 MF $\text{C}_9\text{H}_9\text{NO}_2$
FW 163.18 mp $156-158^\circ\text{C}$ Beil. 14,38

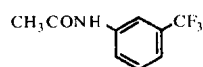
4-Acetamidobenzoic acid [556-08-1]

4-乙酰氨基苯甲酸



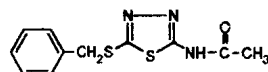
MF $\text{C}_9\text{H}_9\text{NO}_3$ FW 179.18
mp $260-262^\circ\text{C}$ (分解) Beil. 14,432

3-Acetamidobenzotrifluoride [351-36-0]

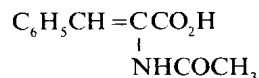


3-(乙酰氨基)三氟甲苯 ☆ α,α,α -Trifluoro-
m-acetotoluidide MF $\text{C}_9\text{H}_8\text{F}_3\text{NO}$ FW 203.16
mp $104-106^\circ\text{C}$ Beil. 12,870 刺激性

2-Acetamido-5-benzylthio-1,3,4-thiadiazole
[64387-67-3] 2-乙酰氨基-5-苄硫基-1,3,4-噻二唑

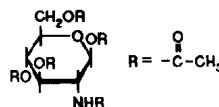


MF $\text{C}_{11}\text{H}_{11}\text{N}_3\text{OS}_2$ FW 265.36 mp $167-169^\circ\text{C}$
 α -Acetamidocinnamic acid [5469-45-4]
 α -乙酰氨基肉桂酸



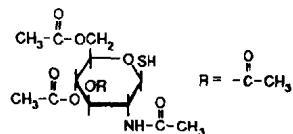
MF $\text{C}_{11}\text{H}_{11}\text{NO}_3$ FW 205.21 mp $188-190^\circ\text{C}$
Beil. 10,683 吸湿性

2-Acetamido-2-deoxy- β -D-glucopyranose
1,3,4,6-tetraacetate [7772-79-4] 2-乙酰氨基-2-脱氧- β -D-吡喃葡萄糖 1,3,4,6-四乙酸酯



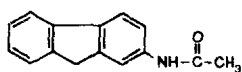
☆ β -D-Glucosamine pentaacetate
MF $\text{C}_{16}\text{H}_{23}\text{NO}_{10}$ FW 389.36 mp $187-189^\circ\text{C}$
[α] $_D^{20} + 3.9^\circ$ (c=10, CHCl_3) Beil. 31,171

2-Acetamido-2-deoxy-1-thio-β-D-glucopyranose 3,4,6-triacetate [51450-09-0]



2-乙酰氨基-2-脱氧-1-巯基-β-D-吡喃葡萄糖 3,4,6-三乙酸酯 MF $C_{14}H_{21}NO_8S$ FW 363.39 mp 173-175 °C $[\alpha]_D^{20} -15^\circ$ (c=1.2, $CHCl_3$) 在烷基化中提供 N-乙酰葡萄糖胺的硫葡萄糖苷, 接合 β-N-乙酰葡萄糖胺酶和相似专一性蛋白质的配位体. *Chem. Phys. Lipids*, **38**, 39 (1985). *Biochim. Biophys. Acta*, **350**, 437 (1974).

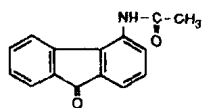
2-Acetamidofluorene [53-96-3]



2-乙酰氨基苄 ☆ 2-Acetylaminofluorene ☆ N-(2-Fluorenyl)acetamide MF $C_{15}H_{13}NO$ FW 223.28 mp 194-196 °C *Beil.* **12**, 1331 *Merck Index* **11**, 4083 高毒性 致癌可疑物 强烈的肝致癌物. *Proc. Nat. Acad. Sci. U. S.*, **70**, 2281 (1973). *Ibid.*, **71**, 737 (1974). *Cancer Res.*, **30**, 559 (1970).

4-Acetamido-9-fluorenone [42135-35-3]

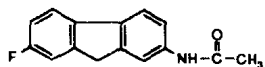
4-乙酰氨基-9-苄酮



MF $C_{15}H_{11}NO_2$ FW 237.26 mp 262-264 °C

2-Acetamido-7-fluorofluorene [343-89-5]

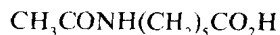
2-乙酰氨基-7-氟苄



MF $C_{14}H_{11}FNO$ FW 241.27 mp 200-202 °C

Beil. **12**(4), 3383 刺激性

6-Acetamidohexanoic acid [57-08-9]



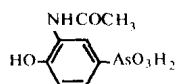
6-乙酰氨基己酸 ☆ Acetamidocaproic acid

MF $C_8H_{15}NO_3$ FW 173.21 mp 102-104 °C

Beil. **4**(3), 1396 *Merck Index* **11**, 38

3-Acetamido-4-hydroxyphenylarsonic acid

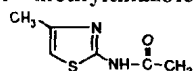
[97-44-9] 3-乙酰氨基-4-羟基苯砷酸



MF $C_8H_{10}AsNO_3$ FW 275.08 mp 248-250 °C

(分解)

2-Acetamido-4-methylthiazole [7336-51-8]

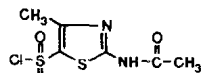


2-乙酰氨基-4-甲基噻唑 MF $C_6H_8N_2OS$ FW 172.21 mp 134-136 °C *Beil.* **27**, 159

刺激性

2-Acetamido-4-methyl-5-thiazolesulfonyl chloride [69812-29-9]

2-乙酰氨基-4-甲基噻唑-5-磺酰氯

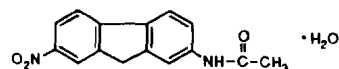


MF $C_6H_7ClN_2O_3S_2$ FW 254.71

mp 162-164 °C *Beil.* **27**(3), 5905 潮解性

2-Acetamido-7-nitrofluorene monohydrate

[72570-99-1] 2-乙酰氨基-7-硝基苄

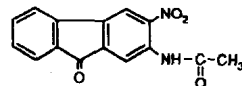


MF $C_{15}H_{12}N_2O_3$ FW 286.29 mp 262-264 °C

Beil. **12**(3), 3296 刺激性

2-Acetamido-3-nitro-9-fluorenone

[13287-73-5] 2-乙酰氨基-3-硝基-9-苄酮

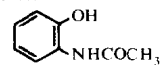


MF $C_{15}H_{10}N_2O_4$ FW 282.26 mp 253-254 °C

Beil. **14**(2), 69 刺激性

2-Acetamidophenol [614-80-2]

2-乙酰氨基苯酚 ☆ 2'-Hydroxyacetanilide

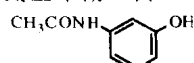


MF $C_8H_9NO_2$ FW 151.17 mp 209-210 °C

Beil. **13**, 370 刺激性

3-Acetamidophenol [621-42-1]

3-乙酰氨基苯酚 ☆ 3'-Hydroxyacetanilide

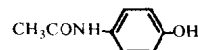


MF $C_8H_9NO_2$ FW 151.17 mp 147-149 °C

Beil. **13**, 415

4-Acetamidophenol [103-90-2]

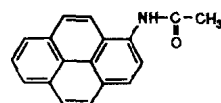
4-乙酰氨基苯酚 ☆ 4'-Hydroxyacetanilide



MF $C_8H_9NO_2$ FW 151.17 mp 170-172 °C

Beil. **13**, 460 *Merck Index* **11**, 40 有毒性 刺激性

1-Acetamidopyrene [64709-54-2]

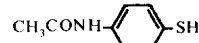


1-乙酰氨基苊 MF $C_{18}H_{13}NO$ FW 259.31

mp 260-261 °C *Beil.* **12**(3), 3369

4-Acetamidothiophenol [1126-81-4]

4-乙酰氨基硫酚 ☆ 4'-Mercaptoacetanilide



MF C_8H_9NOS FW 167.23 mp 151-153 °C

Beil. 13,541 刺激性

Acetanilide [103-84-4] N-乙酰苯胺



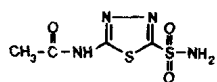
☆ 退热冰 MF $\text{C}_8\text{H}_9\text{NO}$ FW 135.17

mp 113-115 °C bp 304 °C Fp 173 °C

Beil. 12,237 Merck Index 11,42 11290,487

有毒性 刺激性

Acetazolamide [59-66-5] 乙酰唑磺胺



☆ 5-Acetamido-1,3,4-thiadiazole-2-

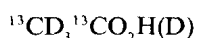
sulfonamide MF $\text{C}_4\text{H}_6\text{N}_4\text{O}_3\text{S}_2$ FW 222.25

mp 258-259 °C Beil. 27(3),8219

Merck Index 11,45

Acetic- $^{13}\text{C}_2$ -2- d_3 acid- $^1\text{H}(d)$ [107745-70-0]

($^{13}\text{C}_2$) 乙($^2\text{H}_3$) 酸



MF $\text{C}_2\text{HD}_3\text{O}_2$ FW 65.06 bp 118 °C

n_D^{20} 1.3695 d 1.053 Fp 40 °C 吸湿性

Acetic-1- ^{13}C -2- d_3 acid- $^1\text{H}(d)$ [63459-47-2]



(1- ^{13}C) 乙($^2\text{H}_3$) 酸 MF $\text{C}_2\text{HD}_3\text{O}_2$ FW 64.07

bp 116-117 °C n_D^{20} 1.3715 d 1.059 Fp 40 °C

Beil. 2(3),203 腐蚀性 吸湿性

Acetic-2- ^{13}C -2- d_3 acid- $^1\text{H}(d)$ [79562-15-5]

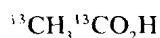


(2- ^{13}C) 乙($^2\text{H}_3$) 酸 MF $\text{C}_2\text{HD}_3\text{O}_2$ FW 64.07

mp 16 °C bp 115-116 °C n_D^{20} 1.3700 d 1.140

Fp 40 °C 腐蚀性 吸湿性

Acetic- $^{13}\text{C}_2$ acid [16651-47-1] ($^{13}\text{C}_2$) 乙酸

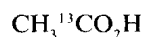


MF $\text{C}_2\text{H}_4\text{O}_2$ FW 62.04 mp 16-16.5 °C

bp 117-118 °C d 1.084 Fp 40 °C

Beil. 2(3),204 腐蚀性 吸湿性

Acetic-1- ^{13}C acid [1563-79-7] (1- ^{13}C) 乙酸

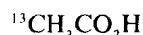


MF $\text{C}_2\text{H}_4\text{O}_2$ FW 61.05 bp 116-118 °C

n_D^{20} 1.3718 d 1.049 Fp 40 °C Beil. 2(3),203

腐蚀性 吸湿性

Acetic-2- ^{13}C acid [1563-80-0] (2- ^{13}C) 乙酸



MF $\text{C}_2\text{H}_4\text{O}_2$ FW 61.05 mp 16-16.5 °C

bp 116-118 °C n_D^{20} 1.3720 d 1.049 Fp 40 °C

Beil. 2(3),203 腐蚀性 吸湿性

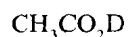
Acetic- d_3 acid- d [1186-52-3] ($^2\text{H}_4$) 乙酸



MF $\text{C}_2\text{D}_4\text{O}_2$ FW 64.08 mp 15.8-16 °C
bp 115.5 °C n_D^{20} 1.3680 d 1.137 Fp 40 °C

Beil. 2(3),203 腐蚀性 吸湿性

Acetic acid- d [758-12-3] (1- ^2H) 乙酸



MF $\text{C}_2\text{H}_3\text{DO}_2$ FW 61.06 mp 15-16 °C

bp 116-117 °C n_D^{20} 1.3715 d 1.059 Fp 40 °C

Beil. 2(3),202 腐蚀性 吸湿性

Acetic acid [64-19-7] 乙酸



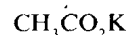
MF $\text{C}_2\text{H}_4\text{O}_2$ FW 60.05 mp 16.2 °C

bp 116-118 °C n_D^{20} 1.3720 d 1.049 Fp 40 °C

Beil. 2,96 Fieser 2,5 5,3 7,1 8,1

Merck Index 11,47 11290,364 腐蚀性

Acetic acid, potassium salt [127-08-2] 乙酸钾



☆ Potassium acetate MF $\text{C}_2\text{H}_4\text{O}_2$

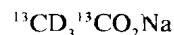
FW 98.15 d 1.570 Beil. 2,108

Fieser 1,906 6,475 Merck Index 11,7580

11290,369 吸湿性

Acetic- $^{13}\text{C}_2$ -2- d_3 acid, sodium salt

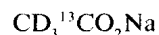
($^{13}\text{C}_2$) 乙(2- $^2\text{H}_3$) 酸钠



MF $\text{C}_2\text{HD}_3\text{O}_2$ FW 87.04 吸湿性

Acetic-1- ^{13}C -2- d_3 acid, sodium salt

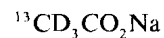
[102212-93-1] (1- ^{13}C) 乙(2- $^2\text{H}_3$) 酸钠



MF $\text{C}_2\text{HD}_3\text{O}_2$ FW 86.05 吸湿性

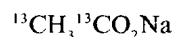
Acetic-2- ^{13}C -2- d_3 acid, sodium salt

[85355-10-8] (2- ^{13}C) 乙(2- $^2\text{H}_3$) 酸钠



MF $\text{C}_2\text{HD}_3\text{O}_2$ FW 86.05 吸湿性

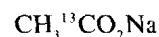
Acetic- $^{13}\text{C}_2$ acid, sodium salt [56374-56-2]



($^{13}\text{C}_2$) 乙酸钠 MF $\text{C}_2\text{H}_4\text{O}_2$ FW 84.02 吸湿性

Acetic-1- ^{13}C acid, sodium salt [23424-28-4]

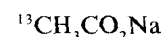
(1- ^{13}C) 乙酸钠



MF $\text{C}_2\text{H}_4\text{O}_2$ FW 83.03 吸湿性

Acetic-2- ^{13}C acid, sodium salt [13291-89-9]

(2- ^{13}C) 乙酸钠

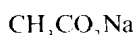


MF $\text{C}_2\text{H}_4\text{O}_2$ FW 83.03 吸湿性

Acetic- d_3 acid, sodium salt [39230-37-0]



(2-²H₃) 乙酸钠 MF C₂HD₃O₂ FW 85.06
mp >300 °C Beil. 2(4),122 吸湿性
Acetic acid, sodium salt [127-09-3] 乙酸钠



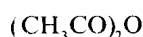
☆ Sodium acetate ☆ 醋酸钠 MF C₂H₄O₂
FW 82.03 Beil. 2,96 Fieser 1,1024 5,591
Merck Index 11,8513 11290,369 吸湿性
Acetic acid, sodium salt trihydrate [6131-90-4]
乙酸钠·3H₂O



MF C₂H₄O₂ FW 136.08 Beil. 2,96
Fieser 1,1024 5,59 Merck Index 11,8513
(Acetic anhydride)-d₆ [16649-49-3] (²H₆) 乙酐



MF C₄D₆O₃ FW 108.14 n_D²⁰ 1.3875 d 1.146
Fp 54 °C 腐蚀性 吸湿性
Acetic anhydride [108-24-7] 乙酐



☆ 乙酸酐 ☆ 醋酐 MF C₄H₆O₃ FW 102.09
mp -73 °C bp 138-140 °C n_D²⁰ 1.3900
d 1.082 Fp 54 °C Beil. 2,166 Fieser 1,3 2,7
5,3 6,1 7,1 8,1 9,1 11,1 Merck Index 11,48
腐蚀性 催泪性
Acetic hydrazide [1068-57-1] 乙酰胺



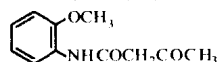
☆ Acethydrazide MF C₂H₆N₂O FW 74.08
mp 66-68 °C bp 129 °C /18mm Beil. 2,191
刺激性 吸湿性 异烟酰胺代谢物. 被人类和鼠
肝微粒体中胞色细胞 P-450 酶氧化为极有反应
性的酰化及烷化剂. Science, 193, 901 (1976).
Acetoacetamide [5977-14-0] 乙酰乙酰胺



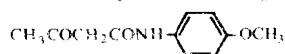
MF C₄H₇NO₂ FW 101.11 mp 54-56 °C
Fp 80 °C Beil. 3,659
Acetoacetanilide [102-01-2] N-乙酰乙酰胺



☆ AAA MF C₁₀H₁₁NO₂ FW 177.20
mp 85-86 °C Fp 162 °C Beil. 12,518
Merck Index 11,50 11290,487
o-Acetoacetanilide [92-15-9]
邻甲氧基-N-乙酰乙酰胺



MF C₁₁H₁₃NO₃ FW 207.23 mp 85-87 °C
Beil. 13(1),117 11290,487
p-Acetoacetanilide [5437-98-9]



对甲氧基-N-乙酰乙酰胺 MF C₁₁H₁₃NO₃
FW 207.23 mp 115-117 °C Beil. 13(1),177
11290,489

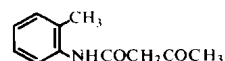
Acetoacetic acid [541-50-4] 乙酰乙酸



☆ β-Ketobutyric acid ☆ 3-Oxobutanoic
acid ☆ β-丁酮酸 MF C₄H₆O₃ FW 102.09
Acetoacetic acid, lithium salt [3483-11-2]
乙酰乙酸锂



☆ 3-Ketobutyric acid, lithium salt
MF C₄H₆O₃ FW 108.02 Fieser 12,1 吸湿性
o-Acetoacetotoluidide [93-68-5]
邻甲基乙酰乙酰胺



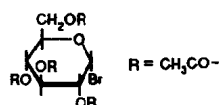
MF C₁₁H₁₃NO₂ FW 191.23 mp 104-106 °C
Fp 143 °C Beil. 12,823 11290,489
p-Acetoacetotoluidide [2415-85-2]
对甲基乙酰乙酰胺 MF C₁₁H₁₃NO₂



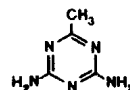
FW 191.23 mp 94-96 °C 11290,489
N-(Acetoacetyl)glycine [3103-38-6]
N-(乙酰乙酰胺基)甘氨酸



MF C₆H₉NO₄ FW 159.14 mp 106-108 °C
Acetobromoglucose [102339-89-9] 乙酰溴葡萄糖
MF C₁₄H₁₉BrO₉
FW 411.21



mp 88-89 °C [α]_D²⁰ +199.3° (c=3, CHCl₃)
Acetoguanamine [542-02-9] 甲基胍胺



MF C₄H₇N₃ FW 125.14 11290,632
Acetohydroxamic acid [546-88-3] 乙酰肟酸

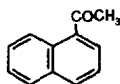


MF C₂H₅NO₂ FW 75.07 mp 90-92 °C
Beil. 2,184 Fieser 13,2 Merck Index 11,54
致畸性 吸湿性 脲酶抑制剂.
Arzneim.-Forsch., 20,384 (1970). Proc. Soc.
Exp. Biol. Med., 134, 1083 (1970). Soil. Biol.
Biochem., 1, 207 (1970).
Acetol [116-09-6] 丙酮醇

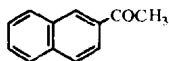


☆ Hydroxyacetone MF C₃H₆O₂ FW 74.08

mp -17°C bp $145-146^{\circ}\text{C}$ n_{D}^{20} 1.4320
d 1.082 Fp 56°C Beil. 1,821 吸湿性
1'-Acetonaphthone [941-98-0] 1-萘乙酮



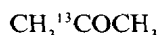
☆ Methyl 1-naphthyl ketone MF $\text{C}_{12}\text{H}_{10}\text{O}$
FW 170.21 mp 10.5°C bp 302°C n_{D}^{20} 1.6280
d 1.12 Fp $>110^{\circ}\text{C}$ Beil. 7,401 刺激性
2'-Acetonaphthone [93-08-3] 2-萘乙酮



☆ Methyl 2-naphthyl ketone MF $\text{C}_{12}\text{H}_{10}\text{O}$
FW 170.21 mp $53-55^{\circ}\text{C}$ bp $300-301^{\circ}\text{C}$
Fp $>110^{\circ}\text{C}$ Beil. 7,402 刺激性
Acetone-1,3- $^{13}\text{C}_2$ [7217-25-6] (1,3- $^{13}\text{C}_2$)丙酮



MF $\text{C}_3\text{H}_6\text{O}$ FW 60.06 mp -94°C
bp 56.5°C n_{D}^{20} 1.3590 d 0.811
Fp -17°C 易燃性液体 刺激性
Acetone-2- ^{13}C [3881-06-9] (2- ^{13}C)丙酮



MF $\text{C}_3\text{H}_6\text{O}$ FW 59.07 bp 56.5°C n_{D}^{20} 1.3590
d 0.788 Fp $>110^{\circ}\text{C}$ Beil. 1(3),2741
易燃性液体 刺激性
Acetone- d_6 [666-52-4] ($^2\text{H}_6$)丙酮



MF $\text{C}_3\text{D}_6\text{O}$ FW 64.13 mp -93.8°C
bp 55.5°C n_{D}^{20} 1.3554 d 0.872 Fp -17°C
Beil. 1(3),2741 易燃性液体 刺激性
Acetone [67-64-1] 丙酮

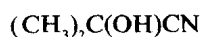


MF $\text{C}_3\text{H}_6\text{O}$ FW 58.08 mp -94°C bp 56°C
 n_{D}^{20} 1.3590 d 0.791 Fp -17°C Beil. 1,635
Fieser 2,13 3,4 6,9 Merck Index 11,58
11290,303 易燃性液体 刺激性

Acetone azine [627-70-3] 丙酮连氮



MF $\text{C}_6\text{H}_{12}\text{N}_2$ FW 112.18 mp -125°C
bp $133^{\circ}\text{C}/763\text{mm}$ n_{D}^{20} 1.4540 d 0.842
Fp 31°C Beil. 1,651 易燃性液体 刺激性
Acetone cyanohydrin [75-86-5] 丙酮氰醇



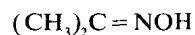
☆ 2-Hydroxyisobutyronitrile MF $\text{C}_4\text{H}_7\text{NO}$
FW 85.11 mp -19°C bp $82^{\circ}\text{C}/23\text{mm}$
 n_{D}^{20} 1.3990 d 0.932 Fp 63°C Beil. 3,316
Fieser 1,5 8,409 11,1 Merck Index 11,59
11290,304 高毒性 刺激性

1,3-Acetonedicarboxylic acid [542-05-2]
丙酮二羧酸 ☆ 3-Oxoglutaric acid



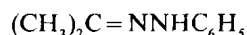
MF $\text{C}_5\text{H}_6\text{O}_5$ FW 146.10 mp 133°C (分解)
Beil. 3,789 Merck Index 11,60 吸湿性

Acetone oxime [127-06-0] 丙酮肟



☆ Acetoxime MF $\text{C}_5\text{H}_7\text{NO}$ FW 73.10
mp $61-63^{\circ}\text{C}$ bp 135°C d 0.901
Beil. 1,649 Merck Index 11,68

Acetone phenylhydrazone [103-02-6]



丙酮苯腙 MF $\text{C}_9\text{H}_{12}\text{N}_2$ FW 148.21
mp 42°C bp $163^{\circ}\text{C}/50\text{mm}$

Acetone semicarbazone [110-20-3]

丙酮缩氨脲



MF $\text{C}_4\text{H}_9\text{N}_3\text{O}$ FW 115.14 mp 187°C
Acetonitrile-2- $^{13}\text{C}-d_3$ [62663-01-8]
(2- ^{13}C)($^2\text{H}_3$)乙腈



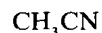
MF $\text{C}_2\text{D}_3\text{N}$ FW 45.07
bp 81°C Fp 5°C 易燃性液体 催泪性
Acetonitrile-2- ^{13}C [1722-09-4] (2- ^{13}C)乙腈



MF $\text{C}_2\text{H}_3\text{N}$ FW 42.05 mp -45°C
bp 81.6°C n_{D}^{20} 1.3390 d 0.714
Fp 11°C Beil. 2(4),427 易燃性液体 催泪性
Acetonitrile- d_3 [2206-26-0] ($^2\text{H}_3$)乙腈



MF $\text{C}_2\text{D}_3\text{N}$ FW 44.08 bp 80.7°C n_{D}^{20} 1.3406
d 0.844 Fp 5°C Beil. 2(4),428 易燃性液体
Acetonitrile [75-05-8] 乙腈 ☆ AN



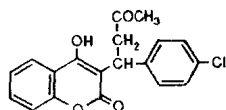
☆ ANT MF $\text{C}_2\text{H}_3\text{N}$ FW 41.05 mp -48°C
bp 82°C n_{D}^{20} 1.3440 d 0.786 Fp 5°C
Beil. 2,183 Fieser 2,13 Merck Index 11,62
11290,302 易燃性液体 催泪性

Acetonylacetone [110-13-4] 丙酮基丙酮



☆ 2,5-Hexanedione MF $\text{C}_6\text{H}_{10}\text{O}_2$
FW 114.15 mp -5°C bp 191°C n_{D}^{20} 1.4260
d 0.973 Fp 78°C Beil. 1,788
Merck Index 11,63 刺激性

DL-3-(α -Acetonyl-4-chlorobenzyl)-4-hydroxycoumarin [81-82-3]



DL-3-(α -(4-丙酮基-4-对氯苄基)-4-羟基香豆酮) $\star$ *P*-Chlorowarfarin

$\star$ Coumachlor MF $C_{19}H_{15}ClO_4$ FW 342.78 mp 168–170 °C *Beil.* 17(3), 6796

Merck Index 11, 2556 高毒性 杀鼠剂杀鼠灵分析中的内标物。

Acetyltriphenylphosphonium chloride

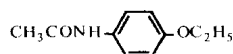


[1235–21–8] 丙酮基三苯基氯化磷

MF $C_{21}H_{20}ClOP$ FW 354.82 mp 243–245 °C *Beil.* 16, 761 刺激性 吸湿性

p-Acetophenetidide [62–44–2]

对乙酰氨基苯乙醚

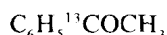


$\star$ 4'-Ethoxyacetanilide $\star$ Phenacetin

MF $C_{10}H_{13}NO_2$ FW 179.22 mp 134–136 °C *Beil.* 13, 461 致癌可疑物 诱变剂

Acetophenone-carbonyl- ^{13}C [10383–88–7]

(α - ^{13}C) 苯乙酮



MF C_8H_8O FW 121.14 bp 202 °C n_D^{20} 1.5325 d 1.030 Fp 82 °C 刺激性

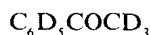
Acetophenone-methyl- ^{13}C [71777–36–1]

(β - ^{13}C) 苯乙酮



MF C_8H_8O FW 121.14 mp 20.5 °C bp 202 °C n_D^{20} 1.5335 d 1.030 Fp 82 °C 刺激性

Acetophenone- d_8 [19547–00–3] (2H_8) 苯乙酮



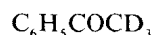
MF C_8D_8O FW 128.22 n_D^{20} 1.5322 Fp 82 °C 刺激性 吸湿性

Acetophenone-2', 3', 4', 5', 6'- d_6 [28077–64–7]



(2', 3', 4', 5', 6'- 2H_5) 苯乙酮 MF $C_8H_3D_5O$ FW 125.19 bp 201–202 °C n_D^{20} 1.5335 d 1.073 Fp 82 °C *Beil.* 7(4), 626 刺激性 吸湿性

Acetophenone-methyl- d_3 [17537–31–4]



(β - 2H_3) 苯乙酮 MF $C_8H_5D_3O$ FW 123.18 n_D^{20} 1.5329 d 1.055 Fp 82 °C

Acetophenone [98–86–2] 苯乙酮



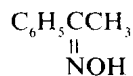
MF C_8H_8O FW 120.15 mp 19–20 °C

bp 202 °C n_D^{20} 1.5325 d 1.030 Fp 82 °C

Beil. 7, 271 *Fieser* 4, 5 *Merck Index* 11, 65

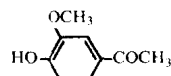
11290, 1088 刺激性

Acetophenone oxime [613–91–2] 苯乙酮肟



MF C_8H_9NO FW 135.17 mp 60 °C bp 245 °C

Acetovanillone [498–02–2] 加大麻素



$\star$ Apocynin $\star$ 4'-Hydroxy-3'-methoxy-

acetophenone MF $C_9H_{10}O_3$ FW 166.18

mp 114–116 °C bp 263–265 °C / 17mm

Beil. 8, 272 *Merck Index* 11, 772 刺激性

Acetoxyacetic acid [13831–30–6] 乙酰氧基乙酸



MF $C_4H_6O_4$ FW 118.09 mp 67–69 °C

bp 141–142 °C / 12mm *Beil.* 3, 233 腐蚀性

Acetoxyacetyl chloride [13831–31–7]



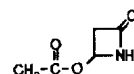
乙酰氧基乙酰氯 MF $C_4H_5ClO_3$ FW 136.53

bp 55 °C / 12mm n_D^{20} 1.4280 d 1.270

Fp 71 °C *Beil.* 3, 240 腐蚀性 催泪性

4-Acetoxy-2-azetidinone [28562–53–0]

4-乙酰氧基氮杂环丁烷-2-酮

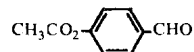


MF $C_5H_7NO_3$ FW 129.12 bp 80–82 °C

Fp > 110 °C 腐蚀性 有用的杂环合成子。

Aldrichimica Acta, 18(4), 95 (1985).

4-Acetoxybenzaldehyde [878–00–2]



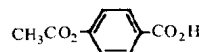
4-乙酰氧基苯甲醛 $\star$ 4-Formylphenyl

acetate MF $C_9H_8O_3$ FW 164.16

bp 152–153 °C / 17mm n_D^{20} 1.5380 d 1.168

Fp > 110 °C *Beil.* 8, 74 刺激性

4-Acetoxybenzoic acid [2345–34–8]

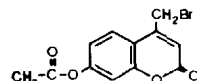


4-乙酰氧基苯甲酸 MF $C_9H_8O_4$ FW 180.16

mp 192–194 °C *Beil.* 10, 157 刺激性

7-Acetoxy-4-(bromomethyl)coumarin

[2747–04–8] 7-乙酰氧基-4-(溴甲基)香豆素



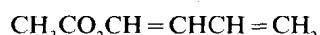
MF $C_{12}H_9BrO_4$ FW 297.11 mp 180–182 °C

Beil. 18(3), 349 腐蚀性 催泪性 反相高效液相

色谱分离测定羧酸的荧光标记试剂。

J. Chromatogr., **309**, 403 (1984).

1-Acetoxy-1,3-butadiene [1515-76-0]



1-乙酰氧基-1,3-丁二烯 ☆ 1,3-Butadienyl acetate MF $\text{C}_6\text{H}_8\text{O}_2$ FW 112.13 bp 60-61 °C/40mm n_D^{20} 1.4690 d 0.945 Fp 33 °C *Beil.* **2**(3), 295 *Fieser* **1**, 7 易燃性液体 有毒性 配向性合成的狄尔斯-阿德耳双烯。

J. Am. Chem. Soc., **84**, 4591 (1962).

Ibid., **100**, 313 (1978). *Tetrahedron Lett.*, 2483 (1977). *Ibid.*, **353**, 2289 (1978). *J. Org. Chem.*, **44**, 4299 (1979). *Chem. Lett.*, 213 (1979).

Bull. Chem. Soc. Jpn., **51**, 2618 (1978).

4-Acetoxy-2-butanone [10150-87-5]

4-乙酰氧基-2-丁酮



☆ 3-Oxobutyl acetate MF $\text{C}_6\text{H}_{10}\text{O}_3$

FW 130.14 bp 93-95 °C/20mm n_D^{20} 1.4220 d 1.042 Fp 76 °C *Beil.* **2**(1), 72 刺激性

2-Acetoxy-3-butenenitrile [22581-05-1]



2-乙酰氧基-3-丁烯腈 ☆ Acrolein

cyanohydrin acetate MF $\text{C}_6\text{H}_7\text{NO}_2$

FW 125.13 bp 73-75 °C/16mm n_D^{20} 1.4230 d 1.028 Fp 72 °C *Beil.* **3**, 371 腐蚀性

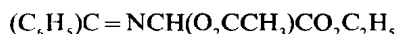
7-Acetoxy-6-(2,3-dibromopropyl)-4,8-

dimethylcoumarin 7-乙酰氧基-6-(2,3-二溴丙基)-4,8-二甲基香豆素



MF $\text{C}_{16}\text{H}_{16}\text{Br}_2\text{O}_4$ FW 432.12 mp 146-148 °C

2-Acetoxy-N-(diphenylmethylene)glycine ethyl ester [97611-55-7] 2-乙酰氧基-N-(二苯基亚甲基)甘氨酸乙酯 ☆ Ethyl N-(diphenylmethylene)-2-acetoxylglycinate

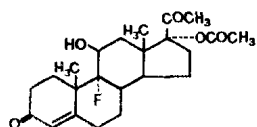


MF $\text{C}_{19}\text{H}_{19}\text{NO}_4$ FW 325.36 mp 68-70 °C

Fieser **13**, 131 亲电性甘氨酸阳离子合成子。

Tetrahedron Lett., **26**, 695, 699 (1985).

17 α -Acetoxy-9 α -fluoro-11 β -hydroxypregn-4-en-3,20-dione [2529-45-5] 17 α -乙酰氧基-9 α -氟-11 β -羟基娠-4-烯-3,20-二酮

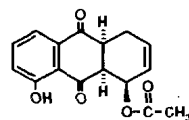


MF $\text{C}_{23}\text{H}_{31}\text{FO}_5$ FW 406.50 mp 267-269 °C

$[\alpha]_D^{20} + 77.6^\circ (\text{CHCl}_3)$

(±)-1-Acetoxy-8-hydroxy-1,4,4a,9a-tetrahydroanthraquinone [73794-49-7]

(±)-1-乙酰氧基-8-羟基-1,4,4a,9a-四氢蒽醌

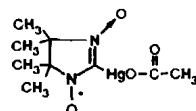


MF $\text{C}_{16}\text{H}_{14}\text{O}_5$ FW 286.29 mp 134-136 °C

蒽环素抗癌化合物和四环素抗菌素的中间体。

J. Org. Chem., **48**, 3252 (1983).

2-(Acetoxymethyl)-4,4,5,5-tetramethyl-2-imidazolin-1-yloxy-3-oxide [39657-41-5]

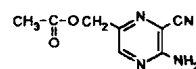


2-乙酰氧基-4,4,5,5-四甲基-3-氧-2-咪

唑啉-1-氧自由基 MF $\text{C}_9\text{H}_{13}\text{HgN}_2\text{O}_4$

FW 415.82 Fp 60 °C 高毒性 刺激性

5-Acetoxyethyl-2-amino-3-cyanopyrazine



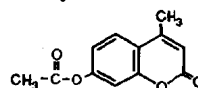
[54798-28-6] 5-乙酰氧甲基-2-氨基-3-

氰基吡嗪 ☆ 5-Amino-6-cyano-2-

pyrazinylmethyl acetate MF $\text{C}_8\text{H}_8\text{N}_4\text{O}_2$

FW 192.18 mp 141-142 °C

7-Acetoxy-4-methylcoumarin [2747-05-9]

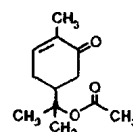


7-乙酰氧基-4-甲基香豆素 MF $\text{C}_{12}\text{H}_{10}\text{O}_4$

FW 218.21 mp 153-155 °C *Beil.* **18**, 32

(S)-(+)-5-(1-Acetoxy-1-methylethyl)-2-methyl-2-cyclohexen-1-one [86421-35-4]

(S)-(+)-5-(1-乙酰氧-1-甲基乙基)-2-甲基-2-环己烯-1-酮



☆ (S)-(+)-Carvone acetate

MF $\text{C}_{12}\text{H}_{18}\text{O}_3$ FW 210.27 mp 48-50 °C

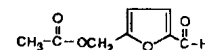
Fp > 110 °C $[\alpha]_D^{19} + 22^\circ (c=5, \text{CH}_3\text{OH})$

源自(S)-(+)-香芹酮水合物。

植物学报, **25**, 62 (1983). 存在于薄荷香精油中。

Chem. Abstr., **99**, 43303n (1983).

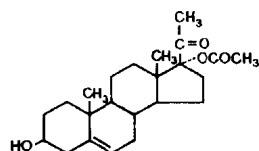
5-Acetoxyethyl-2-furaldehyde [10551-58-3]



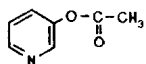
5-乙酰氧甲基-2-呋喃醛 MF $\text{C}_8\text{H}_8\text{O}_4$

FW 168.15 mp 53-55 °C Fp 107 °C

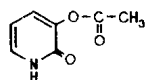
Beil. **18**, 15

17 α -Acetoxypregnenolone [2381-45-5]17 α -乙酰氧基孕甾烯醇酮MF $C_{23}H_{34}O_4$ FW 374.53 mp 230-232 °C
[α]_D²⁰ -70° (c=1, dioxane) Beil. 8(4), 2069**3-Acetoxypyridine** [17747-43-2]

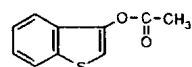
3-乙酰氧基吡啶 ☆ 3-Pyridyl acetate

MF $C_7H_7NO_2$ FW 137.14 bp 92 °C / 9mm
n_D²⁰ 1.5030 d 1.141 Fp 100 °C Beil. 21, 46
Fieser 1, 9 刺激性**3-Acetoxy-2(1H)-pyridone** [61296-14-8]

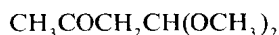
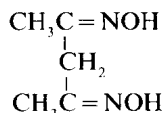
3-乙酰氧基-1-氢-2-吡啶酮

☆ 1,2-Dihydro-2-oxo-3-pyridyl acetate
MF $C_7H_7NO_3$ FW 153.14 mp 147-149 °C
Beil. 21(2), 107**3-Acetoxythianaphthene** [24434-82-0]

3-乙酰氧基硫茚



☆ 1-Benzothiophene-3-yl acetate

MF $C_{10}H_8O_2S$ FW 192.24 bp 165 °C / 18mm
n_D²⁰ 1.6070 d 1.258 Beil. 17(2), 129 刺激性**Acetylacetaldehyde dimethyl acetal** [5436-21-5]乙酰基乙醛缩二甲醇 ☆ 3-Ketobutyraldehyde
dimethyl acetal MF $C_6H_{12}O_3$ FW 132.16
bp 71-73 °C / 20mm n_D²⁰ 1.4130 d 0.993
Fp 49 °C Beil. 1(3), 3097**Acetylacetonedioxime** [2157-56-4] 乙酰丙酮二肟

☆ 2,4-Pentanedione, dioxime

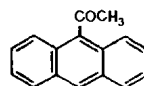
MF $C_5H_{10}N_2O_2$ FW 13.15 mp 149-150 °C**N-Acetyl-DL-alanine** [1115-69-1]

N-乙酰-DL-丙氨酸

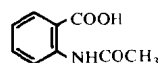
MF $C_5H_9NO_3$ FW 131.13 mp 137-138 °C**N-Acetyl-L-alanyl-L-alanyl-L-alanine
methyl ester** [26910-17-8]N-乙酰-L-丙氨酰-L-丙氨酰-L-丙氨酸甲酯 MF $C_{12}H_{21}N_3O_5$ FW 287.32mp 250-252 °C [α]_D²² +146° (c=1, H₂O)

弹性蛋白酶的高度专一性底质.

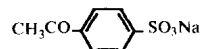
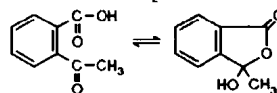
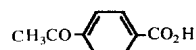
Can. J. Biochem., 48, 384 (1970).

9-Acetylanthracene [784-04-3] 9-乙酰基蒽MF $C_{16}H_{12}O$ FW 220.27 mp 75-76 °C
Beil. 7(2), 450**N-Acetylanthranilic acid** [89-52-1]

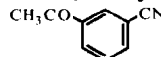
2-乙酰氨基苯甲酸

☆ 2-Acetamidobenzoic acid MF $C_9H_9NO_3$
FW 179.18 mp 185-187 °C Beil. 14, 337**4-Acetylbenzenesulfonic acid, sodium salt**

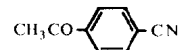
[61827-67-6] 4-乙酰基苯磺酸钠

MF $C_8H_8O_4S$ FW 222.20 mp >300 °C
Beil. 11(2), 186**2-Acetylbenzoic acid** [577-56-0]2-乙酰基苯甲酸 ☆ 3-Hydroxy-3-methylphthalide MF $C_9H_8O_3$ FW 164.16
mp 116-118 °C Beil. 10, 690 用于制备 3-亚甲基-2-苯并呋喃酮基氨基酸.
Synthesis, 43 (1977).**4-Acetylbenzoic acid** [586-89-0]4-乙酰基苯甲酸 MF $C_9H_8O_3$ FW 164.16
mp 208-210 °C Beil. 10, 694**3-Acetylbenzonitrile** [6136-68-1]

3-乙酰基苯腈 ☆ 3'-Cyanoacetophenone

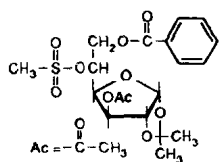
MF C_9H_7NO FW 145.16 mp 98-100 °C
Beil. 10, 694 刺激性**4-Acetylbenzonitrile** [1443-80-7]

4-乙酰基苯腈 ☆ 4'-Cyanoacetophenone



FW 145.16 mp 57-58 °C Beil. 10, 695

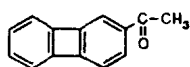
3-O-Acetyl-6-O-benzoyl-5-O-(methylsulfonyl)-1,2-O-isopropylidene- α -D-glucofuranose
3-O-乙酰基-6-O-苯甲酰基-5-O-(甲磺酰基)-1,2-O-亚异丙基- α -D-呋喃葡萄糖



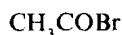
MF $C_{19}H_{12}O_{10}S$ FW 444.46 mp 128–130 °C
 $[\alpha]^{25}_D -9^\circ$ (c=1, $CHCl_3$)
4-Acetylbiphenyl [92–91–1] 4-乙酰基联苯



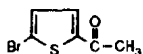
MF $C_{14}H_{12}O$ FW 196.25 mp 116–118 °C
Beil. 7,443 胡萝卜素的抑制剂.
Phytochemistry, **11**, 3461 (1972).
2-Acetylbiphenylene [779–26–0]



2-乙酰基联二亚苯 MF $C_{14}H_{10}O$
 FW 194.23 mp 137–139 °C *Beil.* 7(4),1657
Acetyl bromide [506–96–7] 乙酰溴



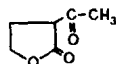
MF C_2H_3BrO FW 122.95 mp –96 °C
 bp 75–77 °C n_D^{20} 1.4500 d 1.663
 Fp >110 °C *Beil.* 2,174 *Fieser* 6,9
Merck Index 11,76 腐蚀性 催泪性
2-Acetyl-5-bromothiophene [5370–25–2]
 2-乙酰基-5-溴噻吩



☆ 5-Bromo-2-thienyl methyl ketone
 MF C_6H_5BrOS FW 205.08 mp 94–96 °C
 bp 103 °C /4mm *Beil.* 17,288
4-Acetylbutyric acid [3128–06–1]



4-乙酰基丁酸 ☆ 5-Ketohexanoic acid
 MF $C_6H_{10}O_3$ FW 130.14 mp 13–14 °C
 bp 274–275 °C n_D^{20} 1.4451 d 1.090
 Fp >110 °C *Beil.* 3,685
2-Acetylbutyrolactone [517–23–7]

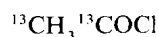


2-乙酰基丁内酯 ☆ ABL MF $C_6H_8O_3$
 FW 128.13 bp 107–108 °C /5mm n_D^{20} 1.4590
 d 1.190 Fp >110 °C *Beil.* 17(3),5837
Merck Index 11,77 刺激性
N-Acetylcaprolactam [1888–91–1]

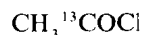


N-乙酰基己内酰胺 MF $C_8H_{11}NO_2$

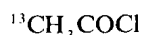
FW 155.20 bp 134–135 °C /26mm n_D^{20} 1.4890
 d 1.094 Fp >110 °C *Beil.* 21(3),3210 刺激性
Acetyl- $^{13}C_2$ chloride [89186–79–8]



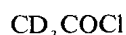
($^{13}C_2$) 乙酰氯 MF C_2H_3ClO FW 80.48
 n_D^{20} 1.3890 Fp 4 °C 易燃性液体 腐蚀性
Acetyl-1- ^{13}C chloride [1520–57–6]



(1- ^{13}C) 乙酰氯 MF C_2H_3ClO FW 79.49
 n_D^{20} 1.3890 d 1.118 Fp 4 °C 易燃性液体 腐蚀性
Acetyl-2- ^{13}C chloride [14770–40–2]



(2- ^{13}C) 乙酰氯 MF C_2H_3ClO FW 79.49
 n_D^{20} 1.3890 Fp 4 °C 易燃性液体 腐蚀性
Acetyl- d_3 chloride [19259–90–6]

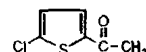


(2H_3) 乙酰氯 MF C_2ClD_3O FW 81.52
 bp 50 °C n_D^{20} 1.3865 d 1.146 Fp 4 °C
Beil. 2(3),392 易燃性液体 腐蚀性
Acetyl chloride [75–36–5] 乙酰氯



MF C_2H_3ClO FW 78.50 mp –112 °C
 bp 52 °C n_D^{20} 1.3890 d 1.104 Fp 4 °C
Beil. 2,173 *Fieser* 1,11 4,5 5,4 7,3
Merck Index 11,79 11290,1435 易燃性液体
 腐蚀性

2-Acetyl-5-chlorothiophene [6310–09–4]
 2-乙酰基-5-氯噻吩

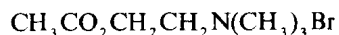


☆ 5-Chloro-2-thienyl methyl ketone
 MF C_6H_5ClOS FW 160.62 mp 47–49 °C
 bp 117–118 °C /17mm Fp 108 °C *Beil.* 17,287
Acetylcholine 乙酰胆碱

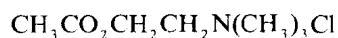


☆ Ethanaminium, 2-(acetyloxy)-*N,N,N*-trimethyl-, hydroxide MF $C_7H_{17}NO_3$
 FW 163.20

Acetylcholine bromide [66–23–9]



溴化乙酰胆碱 ☆ Ethanaminium,
 2-(acetyloxy)-*N,N,N*-trimethyl-, bromide
 MF $C_7H_{16}BrNO_2$ FW 226.12
 mp 144–146 °C *Merck Index* 11,80 吸湿性
Acetylcholine chloride [60–31–1]



氯化乙酰胆碱 ☆ Ethanaminium,

2-(acetyloxy)-*N,N,N*-trimethyl-, chloride
MF $C_7H_{16}ClNO_2$ FW 181.66 mp 147–149 °C
Merck Index 11,81 11290,1435 吸湿性

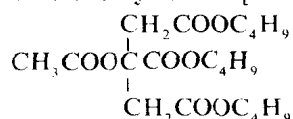
Acetylcholine iodide [2260–50–6] 碘化乙酰胆碱



☆ **Ethanaminium, 2-(acetyloxy)-*N,N,N*-trimethyl-, iodide** MF $C_7H_{16}INO_2$

FW 273.11 mp 162–164 °C 刺激性 吸湿性

Acetylcitric acid tributyl ester [77–90–7]



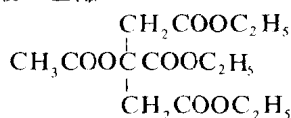
乙酰柠檬酸三丁酯 MF $C_{20}H_{34}O_8$ FW 402.49

mp –80 °C bp 173 °C/1mm Fp 204.4 °C

n_D^{20} 1.4410 d 1.050 11290,854 增塑剂

Acetylcitric acid triethyl ester [77–89–4]

乙酰柠檬酸三乙酯

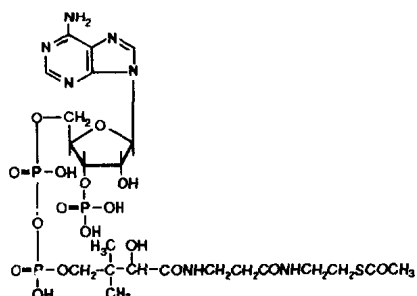


MF $C_{14}H_{22}O_8$ FW 318.32 mp –50 °C

bp 132 °C/1mm n_D^{20} 1.4380 d 1.147

Fp 188 °C 11290,854 增塑剂

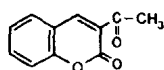
Acetylcoenzyme A [72–89–9] 乙酰辅酶 A



☆ **S-Acetylcoenzyme A** MF $C_{23}H_{38}N_7O_{17}P_3S$

FW 809.60 λ_{max} 260nm

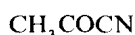
3-Acetylcoumarin [3949–36–8]



3-乙酰基香豆素 MF $C_{11}H_8O_3$ FW 188.18

mp 120–122 °C Beil. 17,511

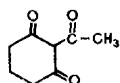
Acetyl cyanide [631–57–2] 氰乙酰



☆ **Propanenitrile, 2-oxo-** MF C_3H_3NO

FW 69.06 bp 93 °C n_D^{20} 1.3743 d 0.975

2-Acetyl-1,3-cyclohexanedione [4056–73–9]



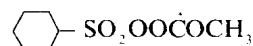
2-乙酰-1,3-环己二酮 MF $C_8H_{10}O_3$

FW 154.17 mp 20 °C bp 85 °C/0.1mm

Fp >110 °C Beil. 7(4),2754

Acetyl cyclohexanesulfonyl peroxide

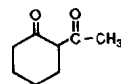
[3179–56–4] 乙酰·环己基磺酰过氧化物



MF $C_8H_{14}O_5S$ FW 222.26 11290,465

2-Acetylcyclohexanone [874–23–7]

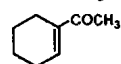
2-乙酰基环己酮



MF $C_8H_{12}O_2$ FW 140.18 bp 111–112 °C/18mm

n_D^{20} 1.5090 d 1.078 Fp 79 °C Beil. 7,559

1-Acetyl-1-cyclohexene [932–66–1]



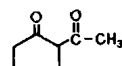
1-乙酰基-1-环己烯 MF $C_8H_{12}O$

FW 124.18 bp 201–202 °C n_D^{20} 1.4900

d 0.966 Fp 65 °C Beil. 7,58

2-Acetylcyclopentanone [1670–46–8]

2-乙酰基环戊酮



MF $C_7H_{10}O_2$ FW 126.16 bp 73–75 °C/8mm

n_D^{20} 1.4900 d 1.043 Fp 72 °C Beil. 7,558

广泛用于控制聚酯树脂的熟化. Ger. Offen.

1927320 (1970). Chem. Abstr., 74, 77036b (1971).

Japan. Kokai 73 13,485 (1973). Chem. Abstr.,

79, 79803b (1973). Japan. Kokai 74 09,593

(1974). Chem. Abstr., 81, 38489b (1974).

N-Acetyl-L-cysteine [616–91–1]

N-乙酰-L-半胱氨酸



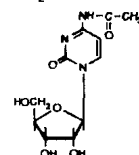
MF $C_5H_9NO_3S$ FW 163.20 mp 109–111 °C

$[\alpha]_D^{25} +4.6^\circ$ (c=2, H₂O) Merck Index 11,82

11290,1234 粘多剂. Brit. Med. J., 11, 603

(1966). Am. J. Clin. Nutr., 21, 715 (1968).

N⁴-Acetylcytidine [3768–18–1] N⁴-乙酰胞苷



MF $C_{11}H_{13}N_3O_6$ FW 285.26 mp 199 °C (分解)

大肠杆菌酶蛋氨酸 tRNA 的小组分. Biochim.

Biophys. Acta, 262, 209 (1972). Biochemistry,

20, 1127 (1981).

3-O-Acetyl-1,2:5,6-di-O-isopropylidene-

α -D-glucofuranose [16719–80–7]

3-O-乙酰-1,2:5,6-二-O-亚异丙基- α -

D-呋喃葡萄糖 MF $C_{14}H_{22}O_7$ FW 302.33

mp 60–62 °C $[\alpha]_D^{25} -37^\circ$ (c=1, CHCl₃)