

Saponins of Japanese Dioscoreaceae. Report No 1.
Sapogenins From Dioscorea Nipponica Makino, D.
Gracillima Miq., D. Quinqueloba Thunb., and D.
Temuipes Franch. et Sav., by T. Tsukamoto,
T. Kawasaki, 7 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of the
Pharmaceutical Society of Japan), Vol LXXIV,
No 1, Jan 1954, pp 72-75.

NIH

Scientific - Chemistry
CTS 70/Jul 55

25,585

Studies on Snake Venom, Paper Electrophoresis of
Snake Venoms and Their Enzyme Activities, by
T. Suzuki, F. Hagihara, Yasushi Takagi.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIV, 1954,
pp 167-171.

ACBI, H-2852, B

Sci - Med

May 59

88,202

Nuclear Acylation of Phenol and Anisole by Means
of Carboxylic Acids, by Koichi Nakatani, Shin
Matsuura, Kosuke Kusuda, 6 p.

JAPANESE, per, Yakugaku Zasshi, 1954, Vol LXXIV,
pp 495-497.

SLA 59-20329

Sci
Feb 60
Vol 2, No 12

108,233

Studies on Limonin. Report No VI. Synthesis
of Some Derivatives of Limonin, by Atsushi
Fujita, Yoshio ~~MIYASHITA~~, 9 pp.

Hirose,

JAPANESE, per, Yakugaku Zasshi (Journal of the
Pharmaceutical Society of Japan), Vol LXXIV, No 4,
Apr 1954, pp 365-367.

RIR

Scientific - Chemistry

Nov 54 CTB

19,554

YAKUGAKU ZASSHI

~~1942-V74-4000-500~~~~1942-V74-4000-500~~

1954 V74 P408-409

1954 V74 P1243-1246

1954 V74 P1246-1248

~~70-20900-000~~~~70-20900-000~~

70-20338 <0>

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70-21914 <0>

ORDER FROM NTC

Studies on the Application of Polyphosphoric Acid
as a Condensing Agent. 3. Acylation of Phenols
by Means of Benzoic Acid and Monohydroxybenzoic
Acids, by K. Wakazawa, et al.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIV, No 5,
1954, pp 498-501.

NLL M. 2514

Sci - Chem

SLF 4-1-100
177,587

Dec 61

62-26926

Yamagishi, M.

ETUDE SUR LA REACTION DE LA NINHYDRINE, IIIe
Rapport. STRUCTURE DU PRODUIT INTERMEDIAIRE
DANS LA REACTION DE LA NINHYDRINE (Studies on
Ninhydrin Reaction, III. Structure of the Intermediate
in Ninhydrin Reaction). 11p. (foreign text included)
2 refs.

Order from OTS, ETC or CNRS \$0.80 62-26926

Trans. in French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 6, p. 599-600.

DESCRIPTORS: *Organic compounds, *Amino acids,
*Pyrimidines, Molecular structure, Decomposition.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

1. Title: Ninhydrin
reaction

I, Yamagishi, M.

II. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Miyaki, Komei, Ikeda, Nisaburo, Mizuno, Daiji,
and Ito, Yoshimi.

ANTIBACTERIAL PROPERTIES OF 2- AND 2,3-
SUBSTITUTED 1,4-NAPHTHOQUINONES. I. ANTI-
BACTERIAL PROPERTIES OF 2-SUBSTITUTED
1,4-NAPHTHOQUINONES. II. ANTIBACTERIAL PROP-
ERTIES OF 2- AND 2,3-SUBSTITUTED 1,4-NAPHTHO-
QUINONES. III. DIMORPHISM OF 2,3-DITHIOPHENYL-
1,4-NAPHTHOQUINONE AND INFRARED SPECTRA OF
MERCAPTO-1,4-NAPHTHOQUINONE DERIVATIVES.
IV. ANTIBACTERIAL PROPERTIES AGAINST MYCO-
BACTERIUM TUBERCULOSIS VAR. HOMINIS
E. R. Hope, tr. Sep 63, 21p 21refs DSIS T 81 J.
Order from NRC NRC C-4652

Trans. of [Yakugaku Zasshi] (Japan) 1951, v. 71, no. 7,
p. 643-645, 1954, v. 74, no. 9, p. 961-968; 1954,
v. 74, no. 6, p. 655-657.

(Biological Sciences--Pharmacology, TT, v. 11, no. 6)
(over)

TT-64-12539

- I. Miyaki, K.
- II. Ikeda, N.
- III. Mizuno, D.
- IV. Ito, Y.
- V. Title: Antibacterial...
- VI. Title: Antibacterial...
- VII. Title: Dimorphism...
- VIII. Title: Antibacterial...
- IX. DSIS-T-81-J
- X. NRC-C-4652
- XI. Directorate of Scientific
Information Services,
Ottawa (Canada)

Office of Technical Services

Study of Chemotherapeutics. Part 39. Synthesis of
Imidazo Compounds. IV. Imidazo (2,1-b) Thiadiazole
Derivatives. (2), by S. Ban, 7 pp.

Yakugaku Zasshi
JAPANESE, per, J Pharm Soc Japan, Vol LXXIV, 1954,
No 6, pp 658-661, CA 48, 10740, 1954.

~~ASAC-881274~~

ASAC TEL SER 56F4J

Sci - Chem

Aug 58

70, 703

Studies on Chemotherapeutics. Part 40. Preparations
of 2-amino-1,3,4-thiadiazole and 2-amino-5-methyl-
1,3,4-thiadiazole, by S. Ban, 5 pp.

Yokurakoku Zasshi LXIV
JAPANESE, per, *J Pharm Soc Japan*, Vol XLVII, No 6,
pp 694-697, 1954.

Assoc Tech Serv 2835J

Sci - Chem
Aug 58

70, 702

Study of the Chemotherapy of Tricophyton. Part 1.
Relationship Between Chemical Structures of Haloacyl
Derivatives of Aromatic Primary Amines and
Their Fungicidal & Activity, by H. Osewa, K.
Enomoto, Y. Kumagi.

Yakugaku Zasshi
JAPANESE, per, J. Pharm Soc Japan, Vol LXXIII,
1953, No 7, pp 719-721.

ATS-71P4J
H-5-21-1 33

Sci

Jul 59

92,486

Conversion of Cadaverins to Piperidine by
Hog Kidney Homogenate, by T. Suzuki,
F. Hagihara, 6 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal
of the Pharmaceutical Society of Japan),
Vol LXXIV, No 5, May 1954, pp 546, 547.

NIH

Scientific - Chemistry
CTS 70/Jul 55

25,599

Antibacterial Effects of Arylthio-1,
4-Naphthoquinones and Related Compounds, by
N. Ikeda.

JAPANESE, per, Yakugaku Zasshi, Vol LXXV, No 6,
1955, pp 645-648.

NLL Ref: 3544 1963 (82) (loan)

May 64

DRB. Condo T. 82 J

Antibacterial Effects of Alkylaryl Amino-1,
4-Naphthoquinones, by N. Ikeda.

JAPANESE, per, Yakugaku Zasshi, Vol LXXV, No 6,
1955, pp 649-652.

NLL Ref: 3544 1963 (82) (loan)

see T. 72.5
May 64 *1964*

Antibacterial Properties Against Mycobacterium
Tuberculosis var. Hominis, by K. Miyaki,

JAPANESE, per, Yakugaku Zasshi, Vol LXXIV,
No 6, 1954, pp 655-657.

NLL Ref: 3544 1963 (81) (loan)

May #64

T.R.B. Canada T. 81.5

Syntheses of Pyrimidine Derivatives. I. Synthesis
of α -Alkoxyethylene- β -Alkoxypropionitriles, by
Masao Tomita, Shojiro Uyeo, 6 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIV, No 7,
1954, pp 742-748.

SLA 60-10952

Sci

OTS, Vol III, No 6

Sep 60

126,884

Chromatographic Determination of Insuline Potency,
by T. Asaoka and K. Higashi, 5 pp.

Tafu, O. K. Higashi
JAPANESE, per, J Pharm Soc Japan, Vol LXXIV, No
7, Jul 1954, p 788.

SLA 57-3041

SLA

71,273

Aug 58

Studies on the Poison-Producing Mold Isolated from Dry Malt. I. Distribution, Isolation, Cultivation and Formation of the Toxic Substance, by T. Yamamoto, 10 pp.

upku-gaku zasshi
JAPANESE, per, J. Pharm Soc Japan, Vol LXV, No 8, 1954, pp 797-801.

Sci

JUN 58

Sci 483-72007

Aspo Tech Serv

68,367

Studies on the Poison-Productant Malt Iso-
lated from Dry Malt. VI. Physiological
Properties. (1), by T. Yamamoto, 9 pp.

Yamamoto Toshi
JAPANESE, per, J Pharm Soc Japan, Vol LXXXIV,
No 8, 1954, pp 801-805.

Sci Serv
~~68,368~~ 7308r

Sci

Jul 58

68,368

Studies on the Poison-Producing Mold Isolated from Dry Malt. IV. Toxicity, by T. Yamamoto, 4 pp.

Yokohama Zasshi
JAPANESE, per, J Pharm Soc Japan, Vol LXIV, No 8, 1954, pp 810-812.

~~SECRET~~-75088

Osaka Tech Univ

68, 369

Sci

Jul 58

Studies on Digitalis. Report No 2.
Paper Partition Chromatography of
Digitalis Purpurea Glycosides, by
Y. Sasakawa, 7 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of
the Pharmaceutical Society of Japan),
Vol LXXIV, No 7, Jul 1954, pp 721-723.

NIR

Scientific - Chemistry
CTS 70/Jul 55

25,583

High Frequency Analysis, Part XI. Measurements
of Dielectric Constant, Dielectric Loss, and
Conductivity, and Their Application, by M.
Ishidate, Y. Kamura, 7 pp.

Yakuzaki Zaki
JAPANESE, per J Pharm Soc Japan, Vol LXXIV, No 8,
pp 827-830, 1954.

Assoc Tech Serv 8035J

ATS/JJ-2112

Sci - Chem

Aug 58

70,596

Saponins of Japanese Dioscoreaceae.

Report No 2, by T. Tsukamoto, T. Kawasaki,
4 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of the
Pharmaceutical Society of Japan), Vol LXXIV,
No 9, Sep 1954, pp 984-987.

NIH

Scientific - Chemistry
CTS 70/Jul 55

25,489

2

The use of Radioactive Elements. I.
Synthesis of -Diethyl-Aminoethyl
Xanthene -9- [^{14}C] Carboxylate
Methobromide, by R. Nakai, M. Sugii,
et al.
JAPANESE, per, Yakugaku Zasshi, vol LXXV,
1955, pp 1014-1016.
*AEC LB/G/ 2399

Sci- Chem
Jul 66

Mode of Action of 2- and 2, 3-Substituted
1, 4-Naphthoquinones, by N. Ikeda.

JAPANESE, per, Yakugaku Zasshi, Vol LXXV,
No 9, pp 1073-1076.

1955

NLL Ref: 3544 1963 (82) (loan)

3544 1963 (82) (loan)

May 64

Yamagishi, M.
ETUDE SUR LA RÉACTION DE LA NINHYDRINE.
Vme Rapport, RÔLE DE L'HYDRINDANTINE etc....
DANS LA RÉACTION DE LA NINHYDRINE (Studies on
Ninhydrin Reaction. V. Role of Hydrindantin, etc., in
Ninhydrin Reaction). 13p. (foreign text included) 8 refs.
Order from OTS, ETC or CNRS \$0.80 62-26924

Trans. in French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 10, p. 1004-1008.

DESCRIPTORS: *Organic compounds, Amines, *Amino
acids, Methyl radicals, Pyridines, Chemical reactions.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

62-26924

1. Title: Ninhydrin
reaction

I. Yamagishi, M.

II. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Yamagishi, M.
ÉTUDE SUR LA RÉACTION DE LA NINHYDRINE. VIe
Rapport. RÉACTION DE LA NINHYDRINE AVEC LES
AMINES SECONDAIRES (Studies on Ninhydrin Reaction.
VI. Ninhydrin Reaction of Secondary Amines). 11p.
(foreign text included) 6 refs.
Order from OTS, ETC or CNRS \$0.80 62-26923

Trans. in French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 10, p. 1042-1044.

DESCRIPTORS: *Organic compounds, *Amines,
Epinephrine, Benzyl radicals, Methyl radicals,
Spectrographic data, Absorption.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

62-26923

- I. Title: Ninhydrin reaction
- I. Yamagishi, M.
- II. Centre National de la Recherche Scientifique (France)

Office of Technical Services

, Yamagishi, M.

ETUDE SUR LA REACTION DE LA NINHYDRINE.
VIIe Rapport. REACTION DE LA NINHYDRINE AVEC
LES DIAMINES (Studies on Ninhydrin reaction. VII,
Ninhydrin Reaction of Diamines). 10p. (foreign text
included) 7 refs.

Order from OTS, ETC or CNRS \$0.80 62-26922

Trans. in French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 10, p. 1075-1077.

DESCRIPTORS: *Organic compounds, Amines, Amino
acids, *Lysines, Spectrographic data, Absorption.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

62-26922.

I. Title: Ninhydrin
Reaction

1. Yamagishi, M.

II. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Saponins of Japanese Dioscoreaceae. Report
No 3. Paper Chromatography of Dioscin and
Some Related Compounds, by T. Tsukamoto,
T. Kawasaki, A. Naraki, T. Yamauchi, 8 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of
the Pharmaceutical Society of Japan),
Vol. LXXIV, No 10, Oct 1954, pp 1097-1100.

NIH

Scientific - Chemistry
CTS 70/Jul 55

25,578

Studies on Organic Reagents of the Azo Dyestuff Type. Report No 1. Detection of Zirconium With 4-(p-Dimethylaminophenylazo)-Diphenylarsinic Acid, by Kiyo Tsuji, et al, 15 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIV, No 11, Nov 1954, pp 1180-1184.

S.L.A. Tr 1051/1956

Sci - Chemistry

39,264

Syntheses of Pyridazine Derivatives (First Report) on
Pyridazine and Its 3- and 3, 6-Substituted Compounds,
by T. Itai, H. Igeta, 12 pp.

JAPANESE, per, *Yakugaku Zasshi*
J Pharm Soc Japan, Vol LXXIV, 1954,
pp 1195-1198.

B.L.A. Tr 883/1956

39,038

Sci - Chemistry

Yamagishi, M.
ÉTUDE SUR LA RÉACTION DE LA NINHYDRINE.
8 e Rapport. LA RÉACTION DE LA NINHYDRINE
AVEC DES COMPOSES DU TYPE R1, R2 CH-NH2 ET
SES HOMOLOGUES (Studies on Ninhydrin Reaction.
VIII. (Ninhydrin Reaction of R1R2CH-NH2 Type Com-
pounds and its Homologs). 11p. (Foreign text included)
5 refs. C 9673.
Order from OTS, ETC or CNRS \$0.80 62-26914

Trans. in French of Yakugaku Zasshi (Japan) 1954,
v. 74, no. 11, p. 1233-1235.

DESCRIPTORS: *Organic compounds, Amino radicals,
Alkyl radicals, Chemical reactions.

(Biological Sciences--Pharmacology, TT, v. 10, no. 8)

62-26914

- I. Title: Ninhydrin
reaction
- I. Yamagishi, M.
- II. C-9673
- III. Centre National de la
Recherche Scientifique
(France)

Office of Technical Services

Studies on Plant Waxes, Report No. 6. Lignans From
the Leaves of Coniferae, by T. Kariyone, K. Isoi, 10 pp.

Full translation.

JAPANESE, per, Yakuzaku Zasshi (Journal of the Pharma-
ceutical Soc. of Japan), Vol LXXIV, No 12, Dec 1954,
pp 1312-1314.

NIH 69

Scientific - Chemistry

28, 193

Oct 55
CTS/DEX

Fuzaki, Kiyoshi.
SYNTHESIS OF 2-BENZIMIDAZOLETHIOL DERIVA-
TIVES. 6p 4refs.
Order from SLA \$1.10

TT-64-16907

Trans. of Yakagaku Zasshi (Japan) 1954, v. 74,
p. 1365-1369.

(Chemistry--Organic, TT, v. 12, no. 4)

TT-64-16907

I. Fuzaki, K.

Office of Technical Services

Decomposition Mechanism of Sugars VIII.
Platinum Catalytic Oxidation of L-Fucitol,
by Okai Seuchi, 4 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIV,
No 12, 1954, pp 1395-1397.

SLA 59-10271

Sci - Biol
OIE I, 9
Jun 59

89,510

YAKUGAKU ZASSHI

~~1955-1956~~

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~~1958-1959~~

~~1959-1960~~

1955 V75 P180-182

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~~70-21756 <*>~~

~~70-21757 <*>~~

~~70-21758 <*>~~

~~70-21759 <*>~~

70-21766 <*>

ORDER FROM HTO

Chemical Methods for the Determination of Antibiotics. Report No. 1. Colorimetric Determination of Dihydrostreptomycin, by K. Kakemi, T. Arita, 7 pp.

JAPANESE, per, Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan), Vol LXXV, No 2, 1955, pp 192-194.

NIH Tr No 112

30,801

Scientific - Chemistry

Chemical Methods for the Determination of Antibiotics.
Report No 2. Colorimetric Determination of Oxytetra-
cycline, by K. Kakemi ~~et al~~, 8 pp.

J. T. Arita,

JAPANESE, per, Yakugaku Zasshi (Journal of the Phar-
maceutical Society of Japan), Vol LXXV, No 2, 1955,
pp 194-196.

NIH Tr No 113

30,800

Scientific - Chemistry

Studies on the Toxin in Globe Fish, by A. Yokoo,
S. Morosawa, 4 pp.

Yabugaku Zasshi
JAPANESE, par. Jour Pharm Soc, Vol LXXV, No 2, 1955,
pp 235, 236. CIA 9035715

NIH 3-10

Sci - Medicine
Apr 58

62,688

Saponins of Japanese Dioscoreaceae. Report
No 4. Gracillin, a New Diosgenin From
Dioscorea Gracillima Miq., by T. Tsukamoto,
T. Kawasaki, 9 pp.

JAPANESE, per, Yakugaku Zasshi, (Journal of
the Pharmaceutical Society of Japan),
Vol LXXIV, No 10, Oct 1954, pp 1127-1129.

NIH

Scientific - Chemistry
CTS 70/Jul 55

25,579

Hasogawa, J. and Ikeda, K.
THE DISINTEGRATION TIME OF TABLETS.
Pt. 1 of Studies of Tablets. [1962] 9p.
Order from ATS \$12.65 ATS-95P59]

Trans. of Yakugaku Zasshi (Japan) 1955, v. 75,
no. 4, p. 359-363.

DESCRIPTORS: *Drugs, Solubility, Time.

(Biological Sciences--Medical Specialties,
TT, v. 8, no. 2)

62-17261

- I. Title: Tablets
- I. Hasogawa, J.
- II. Ikeda, K.
- III. ATS-95P59]
- IV. Associated Technical
Services, Inc., East
Orange, N. J.
- V. Title: Studies...

Office of Technical Services

Studies on the Application of Polyphosphoric Acid as
a Condensing Agent. VIII. Acylation of Phenol by
Means of Substituted Benzoic Acids, by Koichi
Hakazawa, Shigeo Baba, 10 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXIV, No 4,
1955, pp 378-381.

SLA 59-15021

Sci - Chem
Sep 59
Vol 2, No 2

97,984

Study of N-Oxides of Aromatic Heterocyclic Compounds.
Part V. Reactions of Derivatives of Pyridine and Quino-
line 1-Oxides with Sulfur-Liquid Ammonia Solution, by
K. Takeda, K. Tokuyama, 4 pp.

Yokoyama, Zenshi
JAPANESE, per, J. Pharm Soc Japan, Vol LXIV, 1955,
pp 620-622.

ATS-3038J

Sci

Aug 59

95, 116

R-467/N/A

Determination of Sulphur in Organic Compounds. I.
Volumetric Determination With Barium Chromate, by
Tanaka Yeshinasa.

JAPANESE, per, Yakugaku Zasshi; Vol LXXV, 1955,
pp 653-655.

*JPRS for Army Rocket & Guided
Missile Agency

Sci - Chem

25 Jan 61

Infrared Absorption Spectra of Diphenyl Ether
Derivatives, by Shoshichiro Kimoto, 5 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXV, No 6,
1955, pp 763-764.

NIH 11-10

Sci - Chem
Dec 58

77,402

Syntheses of Pyridazine Derivatives (Second Report)
Syntheses of [4-] Substituted Compounds of 3, 6-
Dimethoxypyridazine. Part I, by T. Itai, H. Igeta,
11 pp.

Yabunaka Zasshi
JAPANESE, per, *J Pharm Soc Japan*, Vol LXXV, 1955,
pp 966-969.

S.L.A. Tr 884/1956

Sci - Chemistry

39,039

Synthesis of Compounds Related to Thiocarbonyl
Micarbazide. 1. 8-Hydrazon-1,3,4-
Thiadiazole Derivatives, by M. Kanacka, 5 pp.

Yoshigaki, Masao
JAPANESE, per, J Pharm Soc Japan, Vol LXXV, No
9, 1955, pp 1149-1152.

Sci

Jul 58

~~Sci 1003-120143~~

Disa Tech Serv

\$9.00

68,457

Ishiguro, T., Kitamura, E. and others.
SYNTHESIS OF PIPERAZINES. IV. SYNTHESIS OF
PIPERAZINES FROM p-AMINOETHANOL AND
p-ALKYLAMINOETHANOLS. [1960] 3p.
Order from ATS \$11.75 ATS-04M45]

Trans: of Yakugaku Zasshi (Japan) 1955, v. 75,
no. 11, p. 1318-1321.

143,093

(Biological Sciences--Pharmacology, TT, v. 5, no. 1)

61-12084

1. Ethanolamines--Chemical reactions
2. Ethylenediamines--Synthesis
1. Ishiguro, T.
11. Kitamura, E.
- III. Title: Synthesis...
- IV. ATS-04M45]
- V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Tahiguro, T., Kitamura, E., Matsumura, M., and
Ogawa, H.

SYNTHESIS OF PIPERAZINES, PT. 6. CATALYTIC
VAPOR-PHASE SYNTHESIS OF 1,4-DIAZABYCYCLO
[2, 2, 2] OCTANE. [1963] 5p

Order from ATS \$9.25

ATS-64Q72J

Trans. of Yakugaku Zasshi (Japan) 1955, v. 75, no. 11,
p. 1370-1373.

DESCRIPTORS: *Piperazines, Synthesis (Chemistry),
Catalysis, *Cyclooctane derivatives.

(See also 61-12084)

(Chemistry--Organic, TT, v. 11, no. 3)

TT-64-12072

1. Title: 1,4-Diazabicyclo-
/ (2, 2, 2) octane

I. Tahiguro, T.

II. Kitamura, E.

III. Matsumura, M.

IV. Ogawa, H.

V. Title: Catalytic ...

VI. ATS-64Q72J

VII. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

On the Identity of Rhodotoxin, Andromedotoxin, and
Grayanotoxin. I, by T. Takemoto, Y. Nishimoto,
H. Meguri, K. Katayama, 4 pp.

JAPANESE, per, Yakuzaku Zasshi, (Journal of the
Pharmaceutical Society of Japan), Vol LXXV, No 11,
Nov 1955, pp 1441, 1442.

33,550

NIH 34

Scientific - Chemistry

Metal Chelate Compounds of Tetracycline Derivatives. Part IV. Colorimetric Determination of Aureomycin in Urine by the Borate Complex Procedure Using a Cation Exchange Resin, by T. Sakaguchi, A. Hanaki, 5 pp.

Yasugaki Jirochi
JAPANESE, *ref*, *J Pharm Soc Japan*, Vol LXXVI,
No 2, 1956, pp 172-175.

Assoc Tech Sv -- 79HLLJ

Sci
Aug 58

ATS-2251.55

70,414

Metal Chelate Compounds of Tetracycline Derivatives. Part V. Structure of the Aureomycin-Borate Complex, b. T. Sakaguchi, A. Hanaki, 6 pp.

Yakugaku Zasshi
JAPANESE, par, J Pharm Soc Japan, Vol LXXVI,
No 2, 1956, pp 176-180.

Assoc Tech Sv -- 80111J

Sci
Aug 58

ATS-2282-JJ

70,415

Studies on Cis-Urocanic Acid, by K. Masuda,
12 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVI,
No 3, 1956, pp 325-238.

NIH 3-26-60

OTS 60-17124

Sci - Med

May 60

117,314

Study of Atropine Metabolism, (1) Pharmacological Conspectus of Atropanal,
by H. Miyazawa.
JAPANESE, per, Nihon Yakurigaku Zasshi, Vol 52,
No 3, 1956, pp 355-369.
NLL Ref: 3544 1965 (T 89 J)

Sci-B&M
June 66

301,503

Microchemical Studies on Plant Components. Report No 22
Separation and Detection of Morphine-type Alkaloids by
Paper Chromatography, by T. Kariyone, T. Inoue, 11 pp.

JAPANESE, no per, Yakugaku Zasshi, Vol LXXVI, No 6,
Jun 1956, pp 625-628.

NIH Tr No 1-13

43,578

Sci - Chemistry
Feb 1957 CTS/dex

Microchemical Studies on Plant Components.
XXIII. Separation of Xanthine Derivatives
by Paper Chromatography, by T. Inoue.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVI,
No 6, 1956, pp 629-631.

AS JJ-1991

Sci - ^{Biol}~~Chem~~

Jan 60

105698

Chemical Studies on Placental Chorionic Gonadotropin.
Report No 1. Extraction and Purification of Chorionic
Gonadotropin From Human Placental Tissue, by. S.
Matsushima, S. Namba, 15 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVI, No 6, June
1956, pp 678-681.

NIH Tr 5-13

Sci - Med
May 58

64, 282

Chemical Studies on Placental Chorionic Gonadotropin. Report No 2. Chromatography of Chorionic gonadotropin Extracted from Human Placental Tissue, by S. Matsushima, 12 pp.

JAPANESE, per, Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan), Vol LXXVI, No 6, Jun 1956, pp 682-686.

NIH 6-11

Sci - Med
Jul 58

67,530

Microchemical Studies on Plant Components. XXIV.
Separation of Xanthine Derivatives by Paper
Ionophoresis, by T. Kariyone, T. Inoue.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVI, No 6,
1956, pp 747, 748.

ATS JJ-1992

Biol
Sci - ~~XXXX~~

Jan 60

105,691

Studies of the Errors in Organic Microanalysis
Standardization and Method of Control of Carbon
and Hydrogen Analyses, by H. Fujiwara, M. Kan,
6 pp.

yakugaku zasshi
JAPANESE, per, J. Pharm soc Japan, Vol LXXVI,
No 8, 1956, pp 883-886.

Asso Tech Ser 10H14J

Jul 58

69,909

Studies of the Errors in Organic Elemental
Microanalysis. III. Studies on the Sources
of Error in the Determination of Carbon and
Hydrogen. Part 2, by H. Fujiwara, M. Kan, 9 pp.

phlegma 3000
JAPANESE, per, J Pharm Soc Japan, Vol LXXVI, No 8,
pp 886-892, 1956.

Assoc Tech Serv 11H14J

Sci - Chem
Aug 58

70,347

Ring Cleavage of the Pyrrolidine Nucleus,
by T. Kan and S. Nakajima, 3 pp.

Yakugaku Zasshi
JAPANESE, per, J Pharm Soc Japan, Vol
LXXVI, 1956, pp 959-960.

Asso Tech Serv-51H13J
\$4.85

Sci

Jul 58

68,456

Commerce/Patent Office

R-5408-D

Studies on Optically Active Phenylpropanolamine
Derivatives(Pts 1 and 2), by Hideji Takamatsu,
Journal of the Pharmaceutical Society of Japan,
Vol 76, No 11, 1956, pp 1219-1226

Japanese

N

*Yakugaku
Zasshi*

Synthetic Studies on Glucuronic Acid Derivatives.
I. The Synthesis on Aryl- -D-Glucopyranosidu-
ronic Acids, by Hisao Tsukamoto, Masatomo Hamana,
Keitaro Kato, Takeshi Kuroda, 13 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVI,
1956, pp 1282-1287.

~~1282-1287~~ UCRL Tr 301

Sci - Chemistry
Jun 57

48, 310

Analytical Separation of Insulin from Whale Pan-
creas with Partition Chromatography, by Y. Sasano,
K. Higashi, 5 pp.

Yakugaku Zasshi
JAPANESE, per, J Pharm Soc Japan, Vol LXXVI, Dec
1956, pp 1359-1361.

SLA 57-2304

Jul 8

70, 068

Agency: FIA

F.S. NO.: FAL-T-69-2

5 Feb. 1969

R-10,118-D

Title: Studies on the fluorometry of drugs. I.
Fluorometric determination of Atropine with
Rosine Y (Tetrabromofluoresceine).

Author: Shuntaro Ogawa, Minoru Morita et al

Source: Yakugaku Zasshi 85(7):650-53, 1965 (4pp)

Language: Japanese

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Studies on the Constituents of Rhizoma
Nupharis. Pt. VII, Constituents of Anhydronu-
pharanediol. Pt. VIII, Exhaustive Methylation
of Desoxynupharidine. IX Constitution of
Anhydronupharanediol. X Constitution of
Desoxynupharidine, by Y. Arata, T. Ohashi.
JAPANESE, per, Yakugaku Zasshi, Vol 77, No 3,
1957, pp 225-237.
NRC C-5330

Sci-B&M
June 66

303,846

Studies on the Alkaloids of Menispermaceous Plants.
Rpt No 152, Alkaloids of *Stephania capitata* Spreng.
Part 6. Synthesis of di-Stephanine, by M. Tomita,
K. Kirai, 15 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVII, No 3,
Mar 1957, pp 290 293.

NIH 12-1

57,846

Sci - Biol

Jan 58

Determination of Nitrogen. I. Samples With
Which It is Difficult to Obtain Accurate Results,
by S. Misukami, et al.

JAPANESE, per, Yabugaki Zasshi, Vol LXXVII, No 3,
1977, pp 312-316.

Assoc Tech Serv JJ-1490
" " " SHKBJ

Sol - Chem

Apr 99

85, 617

Nitrogen Analysis. II. Correction of Azotometer Readings and Improvement of the Azotometer, by S. Mizukami, K. Miyahara.

JAPANESE, per, Yabugaku Zasshi, VOL LXXVII, No 3, 1957, pp 316-318.

Assoc Tech Serv JJ-1491
" " " 85KbJ

Sci - Chem

Apr 59

85, 616

On the Pharmacological Effect of Pheno Thiazine
and 1,4-Thiazine Derivatives, by Kiichi Fujii,
Yoshio Kowa, Goro Hayashi, 17pp
JAPANESE, per, Yakugaku Zasshi, Vol 77, 1957,
pp 362-366
SLA TT-63-10060

Sci - Biol
June 67

328,838

Chemical Studies on Placental Chorionic Gonadotropic
Hormone, Rpt No 1. Extraction, Purification, and
Sugar of the Principle of the Mainini Reaction,
by M. Kikuguni, 15 pp. UNCLASSIFIED

JAPANESE, per, Yakugaku Zasshi, Vol LXXVII, No 4,
Apr 1957, pp 370-375.

MMH 2-20

60,286

Sci - Med

Mar 58

Kikutani, Motozuke.
ON THE PHYSICAL PROPERTIES OF THE PRINCIPLE
OF THE MAININI REACTIONS. Rept. 2 of Chemical
Studies on Placental Chorionic Gonadotropic Hormone.
[1963] 13p. (figs. tables omitted) 13 refs.
Order from SLA \$1.60

63-14611

Trans. of [Yakugaku Zasshi (Japan) 1957, v. 77, no. 4,
p. 375-379].
Another trans. is available from SLA as 58-112.

DESCRIPTORS: *Glycoproteins, Proteins, *Pituitary
hormones, Molecular structure, Molecular weight,
Reproductive system, Membranes (Biology), Electro-
phoresis, Diffusion, Physical properties.

Various physical constants were determined for the
principle of the Mainini reaction (MG), isolated from
human placenta as a roughly homogeneous product
according to electrophoretic and ultracentrifugal exami-
(Biological Sciences--Biochemistry, TT, v. 10, no. 5)
(over)

63-14611

I. Title: Mainini reactions
I. Kikutani, M.
III. Title: Chemical . . .

NIH 2-21

Office of Technical Services

Action of Acid and Alkali on 8-Azaguanine, by S.
Yamada, T. Minoguchi, A. Ayata, 5 pp.

Yakugaku zasshi
JAPANESE, par, J. Pharm Soc Japan, Vol LXXVII,
1957, pp 441-442.

SLA 58-178

Sci

Aug 59

93,676

Syntheses of Pyrimidine Derivatives. X. Studies
on the Syntheses of 2-Methyl-4-Amino-5-
Alkoxymethylpyrimidine and 2-Methyl-4-Amino-5-
Acetamidomethylpyrimidine, by Akira Takamizawa,
Kenji Ikawa, Kazuo Tori, 7 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII,
No 6, 1958, pp 647-651.

SLA 60-10979

Sci

OTS, Vol III, No 6
Sep 60

126,877

Chemical Studies on Placental Chorionic Gonadotropin. Report 3. Isolation of Chorionic Gonadotropin From Human Placental Tissue, by S. Matsushima, S. Namba, 13 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVII, No 7, Jul 1957, pp 743-746.

NIH Tr 4-14

SLA 57-628

Sci - Med

May 58

64,092

Chemical Studies on the Placental Chorionic Gonadotropic
Hormone. Rpt No 3. On the Amino Acid Composition
of the Principle of the Mainini Reaction, by M.
Kikutani, 18 pp. UNCLASSIFIED

JAPANESE, per, Yakugaku Zasshi, Vol LXXVII, No 7,
Jul 1957, pp 753-758.

NIH 2-22

60,288

Sci - Med

Mar 58

Chemical Studies on the Poison of Formosan Cobra,
Amino Acid Composition of Purified Poison
(Neurotoxin), by Toyosaku Sasaki.

JAPANESE, Jor, Yakusaku Zasshi, Vol LXXVII, PP
848-850. ID 2110731-C

ACSI, H-2852, C

Sci - Chem

May 59

88,203

Chemical Studies on the Placental Chorionic Gonatrophic Hormone. Report No 4. Effect of Oxidizing and Reducing Agents on the Principle of the Mainini Reaction and Determination of its Terminal Amino Acids by M. Kikuchi, 14 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVII, No 9, Sep 1957, pp 955-959.

NIH Tr 3-12

Sci - Medicine
Apr 58

SLA 58-548

62,090

Chemical Studies on Placental Chorionic Gonadotropic Hormone. Report No 5. The Influence of Enzymes on the Activity of the Principle of the Mainini Reaction, by M. Kikutani, 11 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVII, No 10, Oct 1957, pp 1092-1095.

NIH Tr 5-12

Sci - Med
May 58

64, 281

Horli, Z. and Inoi, T.
STUDIES IN THE SYNTHESIS OF ARYLALKYL-
AMINES. IV. SYNTHESIS OF α -METHYL-2-ALKOXY-
PHENETHYLAMINES AND NUCLEAR SUBSTITUTED
DERIVATIVES. [1964] 7p (refs omitted)
Order from SLA \$1.10

TT-64-14179

Trans. of Yakugaku Zasshi (Japan) 1957, v. 77, no. 10,
p. 1095-1100.

(Biological Sciences--Pharmacology, TT, v. 12, no. 2)

TT-64-14179

I. Horli, Z.
II. Inoi, T.
III. Title: Synthesis...

Office of Technical Services

Chemical Studies on Callierin. Report No 1. The
Amount of Callierin Purification, by H. Mariya,
M. Deguchi, H. Asano, 17 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII, No 4,
1958, pp 346-350.

NIH 3-8

Sci - Chem

Apr 79

80, 448

Syntheses of Pyrimidine Derivatives. VII.
2-Alkoxyethylene-3-Alkoxypropionitriles and
Its Isomers, by Akira Takamizawa, Kenji Ikawa,
Masayuki Narisada, 10 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII,
No 6, 1958, pp 632-637.

SLA 60-10980

Sci.

OTS, Vol III, No 6

Sep 60

126,874

[Syntheses of] Pyrimidine Derivatives. VIII.
Synthesis of 2-Dialkoxymethyl-3-
Alkoxypropionitriles, by Akira Takamizawa,
Kenji Ikawa, Masayuki Narisada, 11 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII,
No 6, 1958, pp 637-643.

SLA 60-10969

Sci

OTS, Vol III, No 6

Sep 60

126,875

Syntheses of Pyrimidine Derivatives. IX. Studies on the Mutual Conversion of 2-Dialkoxymethyl-3-Alkoxypropionitriles, 2-Dialkoxymethyl-Acrylonitriles and 2-Alkoxymethylene-3-Alkoxypropionitriles, by Akira Takamizawa, Kenju Ikawa, Masayuki Narisada, 7 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII, No 6, 1958, pp 643-646.

SLA 60-10978

Sci

OFS, Vol III, No 6

Sep 60

126,876

TT-65-13444

Field 6A

Nakashima, T.; Utsunomiya, N.; Asahi, T.; Isogawa, Y.
STUDIES ON FUSARIC ACID AND ANALYGOUS COM-
POUNDS. VII. ANTIBACTERIAL ACTIVITY OF
SEVERAL ALKYLPICOLINIC ACIDS IN VITRO. 5p, 10refs.
Order from SLA: \$1.10 as TT-65-13444

Trans. of Yakugaku Zasshi (Japan) v78 p671-3 1958.

I. Title: Antibacterial ...

MR 655

Interaction of Steroidal Hormone With Serum
Protein. VII. Infrared Spectra of Protein-
Bound Steroids, by Hiroo Takikawa, 8 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIX, No 6,
1959, pp 794-799.

SLA 60-10972

Sci

OTS, Vol III, No 6

Aug 60

126,822

Syntheses of Pyrimidine Derivatives. XI.
Intermediates in the Reaction of 2-
Dialkoxymethyl-3-Alkoxypropionitriles With
Acetamidine, by Akira Takamizawa, Sadao Hayashi,
Kazuo Tori, 9 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII,
No 10, 1958, pp ~~1166-1170~~.

SLA 60-10981

Sci

Sci. Vol III, No 6

Sep 60

126,878

Decomposition of Epinephrine and Its Analogs
by Some Mineral Acids. IV. Decomposition of
Norepinephrine, N-Methylepinephrine, and
1-Monoalkoxyphenyl-2-Alkylaminoethanols by Min-
eral Acids, by M. Kawazu,
JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII,
1958, pp 974-977.
SLA TT 66-13016

Sci-Chem
Jun 67

327,916

Studies of the Protein in Whale Pancreas Showing a
Prolonged Hypoglycemic Effect, by Y. Ishihara, et al.,
8 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII, 1958,
pp 1237-1241.

SLA 59-15603

Sci - Medicine

Oct 59

Vol II, No 4

103,213

Interaction of Steroidal Hormone With Serum
Protein, by H. Takikawa, 15 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII,
No 11, 1958, pp 1269-1274.

HEH 10-12-60

Sci - Med
Dec 60

133,913

Interaction of Steroidal Hormones With Serum Protein.
II. Steroidal Hormones and Bovine Serum Albumin,
by H. Takikawa,
Yakugaku Zasshi
JAPANESE, per, J Pharm Soc, Japan, Vol LXXVIII, No 11,
1958, pp 1274-1279.

ATS JJ-2279

ATS-2279-5I

NIH-358-61

115, 498

Sci - Med

May 60

Interaction of Steroidal Hormones With Serum Protein.
Report No. 3. Steroidal Hormones and Bovine Serum
Globulin, by K. Takikawa, 10 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII, No 11,
1958, pp 1280-1285.

NIH 5-31-61

Sci - Med
Jul 61

159,566

Interaction of Steroidal Hormones With Serum Protein. Report No 4. Physicochemical Properties of Protein-Bound Steroids, by H. Takikawa, 7 pp.

JAPANESE, per, Yakugaku Zasshi (Journal of the Pharmaceutical Society of Japan), Vol LXXVIII, No 11, 1958, pp 1286-1290.

NIH 9-6-61

178,407

Sci - Med
Jan 62

Interaction of Steroidal Hormones With Serum Protein. Report No 5. Physicochemical Properties of Protein Bound Steroids. (2)., by H. Takikawa, 5 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXVIII, No 11, 1958, pp 1291-1295.

NIH 2-31-62

191,469

Sci - Med

Ann 62

INTERACTION OF STEROIDAL HORMONE WITH SERUM
PROTEIN REPORT NO. VI PHYSIOCHEMICAL PROPERTIES OF
PROTEIN-BOUND STEROIDS PART (3), BY HIROO TAKIKAWA,
7 PP.

JAPANESE, PER, YAKUGAKU ZASSHI, VOL LXXVIII, NO 11,
1958, PP 1296-1301.

NIH 5-34-62

SCI - MED
AUG 62

207,922

Synthetic Studies on Fungicidal Agent X.
Reaction of 2-Methylbenzothiazole and Aromatic
Primary Amines (or Nitro Compounds) in the
Presence of Sulfur, by Haruo Saikachi, Takuzo
Hisano, 12 pp.

JAPANESE, per, Yakugaku Zasshi, 1959.

SLA 60-10977

Sai
OTS, Vol III, No 7
Dec 60

133,273

Chemical Studies on Calliarcin. Report No 2.
Purification With Aerinol, by Hiroshi Moriya, 10 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIX, No 1,
1959, pp 32-34.

SLA 5-9-12132
HIN 7-14

Sci - Chemistry
Aug 59

Yakugaku Zasshi En Bu

93, 128

Studies on Organic Microanalysis (Eighteenth Report).
II. Basic Action of Clauson-Kawas' Microhydrogenating
Apparatus for Volumetric Analysis, by Keiichiro
Hozumi, 12 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXIX, 1959,
pp 131-135.

AEC Tr-4378

Sci - Chem
Apr 61

149,546