

NEDETRON, S.

Rozdzielnia, rozdzielnica; discussion of the terms. p. 54.  
ENERGETYKA (Ministerstwo Energetyki) Stalinograd  
Vol. 10, no. 1, Jan./Feb. 1956

So. East European Accessions List      Vol. 1, no. 9      September 1956

MEDELSKI, M.

Transformer stations. p.55.  
ELEKTRIKA (Ministerstvo Energiyi) SSSR  
Vol. 19, no. 1, Jan./Feb. 1966

Sov. East European Accessions List      Vol. 5, No. 9      September 1966

MIEDZINAKI, Franciszek

Serological aspects of late syphilis. Polski tygod. lek. 11  
no.38:1634-1636 17 Sept 56.

1. (Z Kliniki Dermatologicznej A.M.G.; kierownik: Prof. dr.  
Fr. Miedzinski) Gdansk, Klinika Dermatologiczna A.M.G.  
(SYPHILIS, diagnosis,  
serol. in late cases (Pol))

MIEDZIANOWSKI, Alfons

A case of primary cancer of the liver in a 13-year-old girl.  
Pediat.polska 35 no.1:89-94 Ja '60.

1. Z Oddziału Wewnętrznego Szpitala Wojewodzkiego w Olsztynie.  
Ordynator: A. Miedzianowski: dyrektor Szpitala: W. Kozłowski.  
(HEPATOMA in adolescence)

**MIEDZIANOWSKI, Alfons; PALUK-POTYRALLOVA, Helena**

Bronchogenic pulmonary fibrosarcoma. Polskie arch. med. wewn.  
39 no.1:59-68 1959.

1. Z Oddziału Wewnętrznego Szpitala Wojewodzkiego w Olsztynie  
Ordynator: A Miedzianowski Dyrektor: Z Kozlowski. Adres autora:  
Olsztyn, ul. Partyzantow 10.

(FIBROSARCOMA, case reports,  
lung, bronchogenic (Pol))

(LUNG NEOPLASMS, case reports,  
fibrosarcoma, bronchogenic (Pol))

MIEDZIANOWSKI, Alfons (Olszyn, ul. Partyzantow 10.)

Cytostatic drugs in the treatment of proliferative & neoplastic processes of the hemopoietic system. Polski tygod. lek. 13 no.9:326-332  
3 Mar 58.

1. (Z Oddziału Wewnętrznego Szpitala Wojewodzkiego w Olsztynie: ordynator: dr Alfons Miedzianowski; konsultant wojewodaki: prof. dr med. Marian Tulczynski; dyrektor dr Zygmunt Kozlowski).

(HEMOPOIETIC SYSTEM, dis.

neoplastic & proliferative, cytotoxic drug ther., review  
(Pol))

(CYTOTOXIC DRUGS, ther. use

hemopoietic dis., neoplastic & proliferative, review (Pol))

MIEDZIANOWSKI, Alfons; KALINOWSKA-ANKUDOWICZ, Maria

A case of reticulosarcoma with cardiac metastases, chylopleura & chyloperitoneum. Polski tygod. lek. 13 no.5:178-180 3 Feb 58.

1. Z Oddziału Wewnętrznego Szpitala Wojewodzkiego w Olsztynie;  
ordynator: dr A. Miedzianowski; konsultant wojewodzki: prof. dr med.  
Marian Tulczynski. Adres: Olsztyn, Moniuszki 17/7.

(SARCOMA, RETICULUM CELL, case reports  
multiple metastases with chylous ascites & chylopleura (Pol))

(ASCITES, case reports  
chylous, in chylopleura & reticulum cell sarcoma with  
multiple metastases (Pol))

(PLEURA, dis.  
chylopleura in chylous ascites & reticulum cell sarcoma  
with multiple metastases, case report (Pol))

MIEDZIANOWSKI, Alfons; DORANTT, Stanislaw; SEMENOWICZ, Jerzy

Fetal death in diabetes. Gin. polska 28 no.2:167-172  
Mar-Apr 57.

1. Z Oddzialow Wewnetrznego i Ginekologicznego Szpitala  
Wojewodzkiego w Olsztynie Dyrektor: Z. Kozlowski Ordynator  
Oddzialu Wewnetrznego: A. Miedzianowski Ordynator Oddzialu  
Ginekologicznego: S. Dorantt. Adres: Dr. A. Miedzianowski,  
Olsztyn, ul. Moniuszki 17 M. 5.

(FETUS

death caused by maternal diabetes (Pol))

(DIABETES MELLITUS, in pregn.

fetal death (Pol))

(PREGNANCY, in various dis.

diabetes mellitus, fetal death (Pol))



POLEND/Pharmacology and Toxicology - Cardiovascular Drugs.

V-6

Abs Jour : Ref Zhur - Biol., No 14, 1958, 66358

Author : Miedzianowski, A.

Inst :  
Title : The Use of Reserpine in Narrowing of the Left Atrial Ventricular Orifice and in a Combined Defect of the Mitral Valve

Orig Pub : Przegl. Iekar., 1957; 13, No 9, 264-266, 287, 288.

Abstract : The author used reserpine (I) in patients of whom most had a cardiac defect which was complicated by right ventricular insufficiency; some of the patients had auricular fibrillation. (I) was administered in doses of 0.25-0.5 mg to the bed patients and 0.25 mg to the ambulatory patients t.i.d. for 10-15 days and then one-half of the dosage was used. (I) was usually used to potentiate the action of the chief cardiovascular drug, most frequently digitalis; in addition, this combined treatment enabled one to decrease the daily dosage of the chief drug. Improvement was

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*MIEDZIANOWSKI, Alfons*

**MIEDZIANOWSKI, Alfons; TERAJEWICZ, Antoni**

Case of isolated malignant lymphogranulomatosis of the large intestine.  
Polski tygod. lek. 12 no.39:1508-1509 Sept 57.

1. Z Oddziału Wewnętrznego: ordynator dr A. Miedzianowski; konsultant wojewoźski; prof. dr med. M. Tulczynski i z Oddziału Chirurgicznego Szpitala Wojewodzkiego w Olsztynie; ordynator dr. A. Terajewicz. Adres: Olsztyn, ul. Moniuski 17 m. 7.

(HODGKIN'S DISEASE, case reports,  
large intestine (Pol))

(INTESTINE, LARGE, neoplasms,  
Hodgkin's dis. (Pol))

*MIEDZIANOWSKI, ALFONS*  
TULCZYNSKI, Marian; MIEDZIANOWSKI, Alfons

Essay with serpasil in Basedow's disease. Polski tygod. lek. 12 no.38:  
1452-1453 16 Sept 57.

1. (Z Kliniki Chorob Wewnętrznych A. M. w Białymstoku: kierownik:  
prof. dr med. Marian Tulczynski i z Oddziału Wewnętrznego Szpitala  
Wojewodzkiego w Olsztynie; ordynator: lek. A. Miedzianowski. Konsultant  
wojewódzki; prof. dr med. M. Tulczynski). Adres: Olsztyn, ul. Moniuszki  
17/7.

(RESERPINE, therapeutic use,  
hyperthyroidism (Pol))

(HYPERTHYROIDISM, therapy,  
reserpine (Pol))

MIEDZINAOWSKI, A.; KALINOWSKA-ANKUDOWICZ, M.

Case of acute leukemia with megaloblastic reactions. Polski tygod. lek.  
12 no.32:1244-1246 5 Aug 57.

1. (Z Oddzialu Chorob Wewnetrznych Szpitala Wojewodzkiego w Olsztynie;  
ordynator: Alfons Miedzinowski; dyrektor: Zygmunt Konowski; konsultant  
wojewodski: prof. dr med. Marian Tulczynski). Adres: Olsztyn, ul.  
Moniuski 17.

(LEUKEMIA, case reports,  
acute case with megaloblastic reaction (Pol))

**MIEDZIANOWSKI, Alfons.**

**Rauwolfia serpentina in internal diseases. Polski tygod. lek. 12  
no.26:1010-1015 24 June 57.**

**1. Z Oddziału Wewnętrznego Szpitala Wojewodzkiego w Olsztynie:  
ordynator: dr Alfons Miedzianowski, dyrektor: dr Zygmunt Kozłowski:  
Konsultant wojewodzki: prof. dr med Marian Tulczynski. Adres:  
Olsztyn, ul. Moniuszki 17.**

**(RAUWOLFIA ALKALOIDS, therapeutic use,  
internal dis., review. (Pol))**

MIEDZIANOWSKI, Alfons; KALINOWSKA-ANKUDOWICZOWA, Maria

Picrotoxin therapy of barbiturate poisoning. Polski tygod. lek.  
12 no.22:838-840 27 May 57.

1. Z Oddziału Wewnetznego Szpitala Wojewodzkiego w Olsztynie:  
ordynator: Alfons Miedzianowski; dyrektor: Zygmunt Kozlowski;  
konsultant wojewodzki: prof. dr. med. Marian Tulczynski. Adres:  
Olsztyn, ul. Moniuszki 17.

(BARBITURATES, poisoning,  
ther., picrotoxin (Pol))  
(PICROTOXIN, therapeutic use,  
barbiturate pois. (Pol))

MIECZYSLAW, J.

POLAND/Human and Animal Physiology - Body Temperature Regulation: T-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45836

Author : Bober, Stanislaw; Nielubowicz, Jan; Justyna, Mieczyslaw;  
Kreminska-Lawkowiczowa, Izabella; Marzinek, Boleslaw

Inst : -

Title : Blood Electrolytes in Experimental Hypothermia of Dogs.

Orig Pub : Polski tygod. lekar., 1957, 12, No 17, 627-631

Abstract : As a group of dogs was subjected during chilling to infusions of physiological and glucose solutions with the drop method, as well as to surgical operations, a considerable chloride decrease in the plasma of the animals was found to develop. Na and K levels tended to increase, and the Ca content to decrease. When another group of animals which was not subjected to the above-mentioned treatment but underwent chilling, a decrease of the chloride level was detected after an initial period of its insignificant increase. Na and K levels decreased

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MIECZYSLAW, JUSTYNA

BOBER, Stanislaw; NIELUBOWICZ, Jan; MIECZYSLAW, Justyna; KRZEMINSKA-LAWKOWICZOWA, Izabella; MARZINEK, Boleslaw

Volume of circulating blood in experimental hypothermia in dog.  
Polski tygod. lek. 12 no.10:346-348 4 Mar 57.

1. (Z Pracowni Chirurgii Doswiadczalnej; kierownik: doc. dr. med. J. Nielubowicz, Zakladu Patomorfologii Polskiej Akademii Nauk; dyrektor: prof. dr. nauk med. L. Paszkiewicz oraz z I Kliniki Chorob Wewnetrznych A.M. w Warszawie; Kierownik: prof. dr. nauk med. A. Biernacki). Adres: Warszawa-Okecie, ul. Kazimierza Wielkiego 20.

(HYPOTHERMIA, exper.

determ. of circ. volum in dog. (Pol))

(BLOOD CIRCULATION, determ.

circ. volume in exper. hypothermia in dog (Pol))



MIECZNIKOWSKI, Kazimierz, mgr inż.

Multiplication tables and tables for frontal measurement control and support testing. Przegl geod 35 no.4:160-163 Ap '63.

MIECZNIKOWSKI, K.

SCIENCE

Periodicals: PRZEGLAD GEODEZYJNY. Vol. 14, no. 8, Aug. 1958.

MIECZNIKOWSKI, K. Improved tables for the calculation of growth. p. 318.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 4,  
April 1959, Unclass.

MIECZNIKOWSKI, K.

Remarks on the program of activity in rural building construction. p.3.

(BUDOWNICTWO WIEJSKIE. Vol. 9, No. 7, July 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) 10, Vol. 6, No. 10, October 1957. Uncl.

MIECZNIKOWSKI, K.

Tables for mental geodetic calculations; the theory and appraisal of their exactitude.

P. 258. (GEODEZJA I KARTOGRAFIA) (Warszawa, Poland) Vol. 6, no. 4, 1957

SO: Monthly Index of East European Accession (EEAI) IE Vol. 7, No. 5, 1958

MIECZNIKOWSKI, KAZIMIERZ.

Mury oszczednosciowe. (Wyd. 1.) Warszawa, Budownictwo i Architektura,  
1955. 119 p. (Economical walls. 1st ed. map, diags., tables)

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3,  
March 1956

MIECZNIKOWSKI, Andrzej

Some remarks on the management of pregnancy with blood group incompatibility. Ginek. Pol. 36 no.3:319-323 Mr '65.

I. Z II Kliniki Położnictwa i Chorob Kobietych AM w Krakowie  
(Kierownik: prof. dr. med. M. Seidler).

MIECENIKOWSKI, Andrzej; ROMBOSZCZ, Antoni

Pregnancy and labor following 2 wedge resections of the ovary  
in Stein-Leventhal syndrome. Endokr. Pol. 15 no.3:339-341  
Maj-Ju '64

I. II Klinika Ginekologiczna i Choroby Nefrologiczne Akademii Medycznej  
w Krakowie (Kierownik: prof. dr. M. Leidler).

MIECZNIKOWSKI, Andrzej

Surgical therapy of a case of traumatic atresia of the uterine cavity. Ginek. pol. 34 no. 4: 529-532 '63.

1. Z II Kliniki Położnictwa i Chorob Kobietych w Warszawie  
Kierownik: prof. dr med. M. Seidler.  
(UTERUS) (POSTOPERATIVE COMPLICATIONS)  
(AMENORRHEA) (STERILITY, FEMALE)  
(SURGERY, OPERATIVE)



MIECZNIKOWSKI, Andrzej

Studies on the behavior of the circulating blood in the  
postoperative period. Ginek. pol. 34 no.3:343-352 '63.

1. Z II Kliniki Poloznictwa i Chorob Kobietych AM w Krakowie  
Kierownik: prof. dr med. M. Seidler.  
(GYNECOLOGY) (SURGERY, OPERATIVE)  
(BLOOD CIRCULATION) (BLOOD VOLUME)  
(HYSTERECTOMY)

MIECZNIKOWSKA, Maria; MARKIEWICZ, Jan; BARCZYNSKA, Kazimiera; MIECZNIKOWSKI,  
Andrzej

Total blood volume in newborns. Pol. tyg. lek. 18 no. 3:81-84 14 Ja  
'63.

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Krakowie; kierownik:  
prof. dr M. Seidler.  
(BLOOD VOLUME DETERMINATION)

SEIDLER, Maksymilian; MIĘCZNIKOWSKA, Andrzej

Role of hormones of the adrenal cortex in obstetrics. Pol. tyg. lek.  
17 no. 4:1605-1608 8 0 '62.

1. Z II Kliniki Położniczo-Ginekologicznej AM w Krakowie; kierownik:  
prof. dr Maksymilian Seidler.  
(ADRENAL CORTEX HORMONES) (PREGNANCY COMPLICATIONS)

MIECZNIKOWSKI, Andrzej; MARKIEWICZ, Jan; BIENIASZ, Andrzej; BARANSKA, Renata

Blood volume and contents after abdominal and vaginal hysterectomy.  
Polski tygod. lek. 16 no.21:783-786 22 My '61.

1. Z II Kliniki Poloznictwa i Chorob Kobietych A.M. w Krakowie;  
kierownik: prof. dr Maksymilian Seidler.

(HYSTERECTOMY blood) (BLOOD VOLUME)  
(BLOOD PROTEINS)

MIECZNIKOWSKI, Andrzej; MINOL, Eugeniusz; HALYS, Jozef

Prednisone therapy of adnexitis. Polski tygod.lek. 16 no.1:13-15  
2 Ja '61.

1. Z II Kliniki Poloznictwa i Chorob Kobietych A.M. w Krakowie;  
kierownik: prof. dr M.Seidler.  
(ADNEXITIS ther)  
(PREDNISONE ther)

EXCERPTA MEDICA Sec 10 Vol 12/10 Obstetrics Oct 59

1841. THE BEHAVIOUR OF THE CIRCULATING BLOOD VOLUME AFTER GYNAECOLOGICAL OPERATIONS - Miecznikowski A., Markiewicz J., Bieniasz A. and Barańska R. Clin. II of Obstets and Gynaecol., Cracow Acad. of Med., Cracow - GYNAECOLOGIA (Basel) 1959, 147/2 (127-137) Tables 3

In patients undergoing minor and major gynaecological operations the volume of the circulating blood was determined both before and after the operation in order to evaluate the results of compensatory blood transfusions given before and during the surgical procedures. A description of the method by which the amount of circulating blood was determined is followed by the results of these determinations in 49 patients, taken on the day before, the day after, and 10 days after operation. The average loss of blood on the first postoperative day was 894 ml., on the 10th day still 522 ml. In a minor operation the average loss of blood was 661 ml., in abdominal hysterectomy 873 ml., in vaginal hysterectomy 853 ml., and in radical operations for cervical carcinoma 1793 ml. From these data it appears that the amount of blood transfused according to the nowadays generally accepted principles is insufficient.

Cohen - Amsterdam (X.9\*)

MIECZNIKOWSKI, Andrzej; MARKIEWICZ, Jan; BIENIASZ, Andrzej; BARANSKA, Renata

Evaluation of losses of the blood during the third stage of labor.  
Gin.polska 30 no.5:585-591 S-0 '59.

1. Z II Kliniki Chorob Kobietych i Poloznictwa A.M. w Krakowie  
Kierownik: prof. dr M. Seidler.  
(HEMORRHAGE POSTPARTUM)

MIECZNIKOWSKI, Andrzej; WAWRYK, Roman

Effect of hypoproteinemia on the course of pregnancy. *Gin. polska*  
29 no.5:539-546 Sept-Oct 58.

1. Z I Kliniki Poloznictwa i Chorog Kobiacych Slaskiej A. M. w Zabrze  
Kierownik: doc. dr med. W. Starzewski. I Klinika Poloznictwa i Chorob  
Kobiacych Slaskiej A. M. Zabrze, Plac Traugutta 6.

(PREGNANCY, blood in  
hypoproteinemia, eff. on course of pregn. (Pol))

(BLOOD PROTEINS, defic.  
eff. on course of pregn. (Pol))



MIĘCZNIKOWSKI, Andrzej

Application of Thomas' circle in obstetrics. Gin. polska  
28 no.2:183-188 Mar-Apr 57.

1. Z II Kliniki Położnictwa i Chorob Kobietych A.M. w Krakowie  
Kierownik: prof. dr. M. Seidler. Adres: Krakow, Florianska 34.  
(PELVIMETRY  
value of Thomas' circle (Pol))

MIECZNIKOWSKI, ANDRZEJ

MIECZNIKOWSKI, Andrzej; MUNIGA, Leonard

Posthemorrhagic anemia caused by hemorrhage from reproductive organs. Gin. polska 28 no.5:585-592 Sept-Oct 56.

1. Z Kliniki Poloznictwa i Chorob Kobietych Sl. A.M. w Zabrze  
Prof. dr. W. Starzewski, Krakow, ul. Florianska 34.

(GENITALIA, FEMALE, hemorrhage  
causing anemia, ther., blood transfusion (Pol))

(ANEMIA, therapy  
blood transfusion after hemorrh. from female genitalia (Pol))

(BLOOD TRANSFUSION, in various diseases  
after hemorrh. from female genitalia (Pol))

MIECZNIKOWSKI, Andrzej; PLINTA, Marta.

Behavior of eosinophils during labor. Gin. polska 28 no.2:205-210  
Mar-Apr 1956.

1. Z Kliniki Położnictwa i Chorób Kobietych A.M. w Zabrze.  
Kierownik: prof. dr. W.Starzewski. Kraków--ul. Florjanska 34.  
(LABOR, blood in  
eosinophil count (Pol))  
(EOSINOPHIL COUNT  
in labor, serial tests (Pol))

MIECZNIKOWSKI, Andrzej; SPARZEWSKI, Wojciech.

Hemodynamics of pregnancy and of late pregnancy toxemias.  
Gin. polska 26 no. 4:491-499 1955.

1. Z Kliniki Położnictwa i Chorob Kobietych Śląskiej A.M.  
w Zabrze. Kierownik: prof. dr W.Starzewski. Andrzej  
Miecznikowski-Krakow, ul. Florianska 34.

(BLOOD CIRCULATION,  
hemodynamic changes in normal pregn. & pregn. toxemias)  
(PREGNANCY, blood in,  
hemodynamics)  
(PREGNANCY TOXEMIAS, blood in,  
hemodynamics)

**MIECZNIKOWSKI, Andrzej**

Postoperative protein metabolism disorders and their management.  
Gin. polska 26 no.1:11-24 Jan-Mar 55.

1. Z Kliniki Poloznictwa i Chorob Kobietych 81. A.M. w Zabrze.  
Kierownik: prof. dr W.Starzewski.

(BLOOD PROTEINS,  
postop. disord. in gyn. surg.)  
(SURGERY, OPERATIVE,  
postop. protein metab. disord)  
(GYNECOLOGICAL DISEASES, surgery,  
postop. protein metab. disord.)

**MIECZNIKOWSKI, Andrzej**

Disorders of protein metabolism in preoperative conditions and their management. Gin. polska 25 no.4:399-407 Oct-Dec 54.

1. Z Kliniki Poloznictwa i Chorob Kobietych Slaskiej Akademii Medycznej w Zabrze. Kierownik: prof. dr W.Starzewski.

(BLOOD PROTEINS,

disord. in gin. preop. patients, control)

(GYNECOLOGICAL DISEASES, surgery,

preop. blood protein disord., control)

(PREOPERATIVE CARE,

blood protein control in gyn. patients)

MINCZNIKOWSKI, Andrzej; WAWRYK, Roman

Serum proteins in puerperium. Gin. polska 25 no.3:273-282.  
July-Sept. 54.

1. Z Instytutu Matki i Dziecka, Pion Matki. Kierownik: doc. dr Jan Lesinski. 2. Z Kliniki Położnictwa i Chorob Kobietych Akademii Medycznej w Zabrze. Kierownik: prof. dr W. Starzewski.

(BLOOD PROTEINS,  
in puerperium)

(PUERPERIUM, blood in,  
proteins)

MINCZNIKOWSKI, Andrzej

Clinical aspects of ovarian dysgerminoma. Pat. polska 5 no.1:  
63-70 Ja-Mr '54.

1. Z Zakładu Anatomii Patologicznej Akademii Medycznej w Krakowie.  
Kierownik: prof. dr J.Kowalczukowa. 2. Z Oddziału Ginekol.-  
Polożniczego Szpitala G.Narutowicza w Krakowie. Kierownik: prof.  
dr M.Seidler.

(DISGERMINOMA,

\*ovaries, clin. aspects)

(OVARIES, neoplasms,

\*dysgerminoma, clin. aspects)



MIECZNIKOWSKI, A.

Effect of methylthiouracil on the function of reproductive system  
in laboratory animals. Przegl. lek., Krakow 8 no. 5:135-140  
1952. (CLML 22:5)

1. Of the Obstetric-Gynecological Clinic (Head--Docent Stefan Schwarz,  
M. D.) of Krakow Medical Academy.

MIECZNIKOWSKA-STOLARCZYK, W.

Carboxyazobenzenesulfonamides and their N-halogen derivatives.  
Pt.2. Acta chim 8:95-104 '62.

1. Department of Organic Chemistry, University, Lodz. Presented by  
A. Chrzaszczewska.

Dist: 482a(1)/43a

Arylation of derivatives of 2,4-diaminobenzene. A. Chitt  
 crowder, J. Koster, W. M. G. Muller, G. Stober, G.  
 Oiler, and S. Rios. *Zellulosechemie*, 1968, 39, 10-15 (1968) (English summary). — Condensation of 2,4-  
 diaminobenzene (I) with 2-nitrobenzoyl chloride  
 (II) gave 2-nitro-4-(2-amino-6-nitrophenyl)acetamide  
 (III) m. 148-7° (mp 0.1). Condensation of 0.1 mole 2-nitro-  
 benzamide (IV) m. 100-7° (lit. 97-8°) and 0.1 mole 2-nitrobenzoyl  
 chloride (V) m. 145-6°. Treating 0.45 mole  
 I with 0.45 mole II at 40° gave 80% IV, and small amounts  
 of III and V. The same reaction carried out in the pres-  
 ence of CH<sub>3</sub>N, NaOAc, or ZnCO<sub>3</sub> gave almost exclusively  
 V. Reduction of IV with Fe filings and HCl in MeOH  
 gave 38% 2-amino-4-(2-amino-6-nitrophenyl)acetamide  
 (VI) m. 142-3° (lit. 140°). Condensation of 0.1 mole 2-nitro-  
 benzamide with 0.150 mole II at 60-65° gave 2-nitro-4-  
 (2-amino-6-nitrophenyl)acetamide (VII) m. 124-5°  
 (lit. 124-5°). Reduction of VII with Fe filings gave 72% VI.

6-2 May

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Journal of Organic Chemistry. Synthetic Organic Chemistry.

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, Abs Jour : RZhKhim., No 10, 1958, No 32446

of II is added little by little at 50 to 60°, the mixture is seasoned 1 hour, and 2-NO<sub>2</sub>-4-(3'-NO<sub>2</sub>C<sub>6</sub>H<sub>4</sub>SO<sub>2</sub>NH)C<sub>6</sub>H<sub>3</sub>CH<sub>3</sub> (VI) is produced, yield 81%, melting point 124 to 125° (from alcohol). 0.03 mole of VI in 100 mlit of CH<sub>3</sub>OH is reduced (see the reduction of IV), V is produced, yield 72%.

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Abs Jour : RZhKhim., No 10, 1958, No 32446

to 157°. 0.065 mole of IV in 100 mlit of CH<sub>3</sub>OH is added drop by drop to the boiling mixture of 0.36 g-atom of Fe filings, 200 mlit of 50%-ual CH<sub>3</sub>OH and 0.17 mole of glacial CH<sub>3</sub>COOH, the mixture is boiled 2 hours, neutralized with 20 g of NaHCO<sub>3</sub> in 100 mlit of water, filtered while hot, about 75% of CH<sub>3</sub>OH is distilled off, 500 mlit of water is added, neutralized with HCl (acid), and V is obtained, yield 58%, melting point 142 to 143° (from water). 0.25 mole of n-toluidine in 250 g of concentrated H<sub>2</sub>SO<sub>4</sub> at a temperature below 0° is nitrated with the mixture of 16 g of concentrated HNO<sub>3</sub> and 34 g of concentrated H<sub>2</sub>SO<sub>4</sub>, 40 min. later it is poured out on ice, the precipitate is decomposed with 15 g of Na<sub>2</sub>CO<sub>3</sub>, and 2-O<sub>2</sub>N-4-H<sub>2</sub>NC<sub>6</sub>H<sub>3</sub>CH<sub>3</sub> is obtained, yield 67%, melting point 78° (from water). To 0.1 mole of the latter in 300 mlit of water containing 10 g of CH<sub>3</sub>COONa, 0.096 mole

Card 3/4

POLAND / Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour : RZhKhim., No 10, 1958, No 32446

-(3'-O<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>SO<sub>2</sub>NH)-4-H<sub>2</sub>NC<sub>6</sub>H<sub>3</sub>CH<sub>3</sub> (III) and 2-H<sub>2</sub>N-4-(3'-O<sub>2</sub>N-C<sub>6</sub>H<sub>4</sub>SO<sub>2</sub>NH)C<sub>6</sub>H<sub>3</sub>CH<sub>3</sub> (IV) from I and II were found. In order to confirm the structure of IV, it was reduced to amine (V), which was prepared also by counter synthesis. The dyes prepared by combining IV with various dinitrated amines, or dinitrated V with Δ<sup>III</sup>- or gamma-acid, are of low quality. The dinitration of V is carried out at a temperature above 0° in a great excess of acid (in order to avoid the immediate combination with the V remaining in solution). 0.19 mole of II is added to 0.45 mole of I in 200 mlit of CH<sub>3</sub>OH at a temperature below 40°, the mixture is stirred 3 hours, water is added after cooling until the liquid becomes turbid, filtered (A solution), the precipitate is dissolved in 2-%-ual HCl, precipitated with NaHCO<sub>3</sub>, and IV is obtained, yield 80%, melting point 166 to 167° (from water). III crystallizes from the A solution several days later, melting point 156

Card 2/4

POLAND / Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour : RZhKhim., No 10, 1958, No 32446

Author : A. Chrzaszczowska, J. Kotler, W. Miocznikowska-Stolarczyk, G. Odor, S. Pizoni.

Inst : Lodzkie towarz. nauk.

Title : Arylsulfonyl Derivatives of 2,4-Diaminotoluene.

Orig Pub : Acta chim. Lodskie towarz. nauk., 1956, 2, 79-85

Abstract : The acylation reaction of 2,4-diaminotoluene (I) with  $m\text{-O}_2\text{NC}_6\text{H}_4\text{SO}_2\text{Cl}$  (II) was studied with a view to prepare monoacyl derivatives, which could be used as initial products for the synthesis of photostable dyes. It was established that at the condensation of I and II in the presence of substances bonding HCl ( $\text{C}_5\text{H}_5\text{N}$ ,  $\text{Na}_2\text{CO}_3$ ,  $\text{CH}_3\text{COONa}$ ), 2,4-( $m\text{-O}_2\text{N-C}_6\text{H}_4\text{SO}_2\text{NH}$ ) $_2\text{C}_6\text{H}_3\text{CH}_3$  (melting point 155 to 156°) was produced nearly exclusively, without any regard to the ratio I : II and the solvent. The conditions of the preparation of 2-

Card 1/4

WYSCZYNSKI-UTOMI, GYU, A.

- Chrzasczawska, A.; Kasal, Z. N-alkyl derivatives of  $\alpha$ -nitrobenzylamines.  
II. N- $\beta,\gamma$ -dihydroxypropyl-3-nitrobenzylsulfonamide. p. 476.  
RECENT CHEM, Warsaw, Vol. 15, no. 2/3, 1971.

SO: Monthly List of East European Acquisitions, (JUL), LC, Vol. 4, no. 1, Jul. 1975,  
Encl.



ILLEGIBLE

TUROWSKA, Bozena; KOBIELA, Jan; doc. dr.; MIECZNIKOWSKA, Maria;  
JUGOWSKA, Elzbieta.

Group system of haptoglobins in newborn infants. Med. dosw.  
microbiol. 17 no.1:67-70 '65.

1. Z Zakladu Medycyny Sadowej Akademii Medycznej (Kierownik:  
doc. dr. J. Kobiela) i z Oddzialu Ginekologiczno-Polozniczego  
Szpitala im. G. Narutowicza w Krakowie.

MIECZNIKOWSKA, Maria; MARKIEWICZ, Jan; BARCZYNSKA, Kazimierz; MIECZNIKOWSKI,  
Andrzej

Total blood volume in newborns. Pol. tyg. lek. 18 no. 5: 81-24 14 Ja  
'63.

1. Z II Kliniki Poloznictwa i Chorob Kobietych AM w Krakowie; kierownik:  
prof. dr M. Seidler. (BLOOD VOLUME DETERMINATION)

POLAND

WIEROZNIKOWSKA, MARJA, WERNIEWICZ, Jan, BARCZYNSKA, Mari-  
anna, and WIEROZNIKOWSKI, Andrzej, of the Second Clinic  
of Obstetrics and Gynecology (II Klinika Położnicza i Gine-  
kologiczna), AM [Akademia Medyczna, Medical Academy] in  
Krakow (Director: Prof. Dr. M. SEIDLER)

"Total blood volume in Newborns."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 3, 14 Jan 53,  
pp 61-64.

Abstract: [Authors' English summary modified] A method is  
described for the estimation of total blood volume in new-  
borns. For babies with an average weight of 3.405 kg, blood  
volume averaged 89.8 cc per kg body weight, of which 40.2 cc  
was plasma, and 49.6 cc was cells. Average venous hemato-  
crit was 55.2. Findings were found to be average in com-  
parison with data cited in the literature. There are 17 re-  
ferences, of which one is Polish, one is French, and the  
others English.

1/1

SOKOŁOWSKA-PITUCHOWA, Janina; KOWALSKI, Edward; KAMIENSKI, Roman;  
MIECZNIKOWSKA, Maria

Thoraco-ventropagus femininus. Pat.polska 10 no.4:495-506 O-D  
'59.

1. Z Zakładu Anat.Pat. Kierownik: prof.dr. J. Kowalczykowa. Z  
II Kliniki Polozn.i Chor. Kobieć. Kierownik: prof.dr. M. Seidler.  
Z III Kliniki Chirurgicznej. Kierownik: prof.dr. J. Jasiński.  
(TWINS)

L 01270-67

ACC NR: AP6031510 SOURCE CODE: PO/0026/66/014/002/0113/0120

AUTHOR: Miecznik, Juliusz 35

ORG: Academy of Mining and Metallurgy, Cracow B

TITLE: The inverse problem in the magnetotelluric sounding method

SOURCE: Acta geophysica polonica, v. 14, no. 2, 1966, 113-120 12

TOPIC TAGS: electromagnetic wave reflection, phase shift, geophysics  
prospecting, magnetotelluric sounding

ABSTRACT: A new amplitude-phase method for interpreting multilayer magnetotelluric curves is presented, based on the phenomenon in which plane electromagnetic waves, after traveling through the first layer, behave in the same way when striking on the surface of an  $(n - 1)$  cross section from which the first layer was removed. Formulas for computing apparent resistivity and phase-shift values for the level  $z = h_1$  (" $n$ " being the number of existing layers) are given. Orig. art. has: 3 figures and 25 formulas. [Based on author's abstract.]

[DR]

SUB CODE: 08, 20/ SUBM DATE: 23Dec65/ ORIG REF: 001/  
SOV REF: 002/ OTH REF: 002

Card 1/1 mjs

MIECZNIK, Juliusz, mgr inż.

Possibilities of computing the lengthwise conductivity of the  
output as based on curves of magnetotelluric probing. *Więsta*  
*Pol* 20 no.2:38-40 F '64.

1. Akademia Gorniczo-Hutnicza, Krakow.

MIECZNIK, Juliusz

Application of the magnetotelluric method in geophysical surveys.  
Przepl geol 13 no.2:65-70 F 165.

1. School of Mining and Metallurgy, Krakow.



MILCENIK, Juliusz

Determination of the depth to the roof of a flat-appearing horizon. Przegł geol 12 no. 10. 21-23 0. 164.

1. School of Mining and Metallurgy, Kraków.

MICU, M.

Disintegration of deuteron in nuclear collisions. Studii cerc fiz  
12 no.3:529-534 '61.

1. Institutul de fizica atomica, Bucuresti.

(Deuterons) (Collisions(Nuclear physics))

MICU, M.; SANDULESCU, A.

Bound states of nucleons in a nonaxial deformed field. Studii cerc fiz 11  
no.4:957-972 '60. (EEAI 10:8)

1. Institutul de fizica atomica, Bucuresti.  
(Nucleons) (Oscillations) (Wave mechanics)  
(Magnetic moment) (Potential, Theory of) (Anisotropy)

MICU, M.

Theory of the angular correlation by the Jacob-Wick method.  
Studii cerc fiz 11 no.4:951-955 '60. (EEAI 10:8)

1. Institutul de fizica atomica, Bucuresti.  
(Angular momentum(Nuclear physics)) (Nuclear spin)  
(Collisions(Nuclear physics))

BRANDUS, I.; MICU, M.; SANDULESCU, A.

Reduced widths of the deuteron emissions on the basis of the  
Nilsson model. Studii cerc fiz 11 no.4:837-844 '60. (EEAI 10:8)

1. Institutul de fizica atomica, Bucuresti.  
(Deuterons) (Nuclear models)

WIECZNIK, 2.

Two centuries of geography in Moscow University.

P. 369 (PRZEGLAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVUE.) Polanc, Vol. 29  
No. 2, 1957.

SO: Monthly Index of East European Accessions (MIEA) Vol. 6, No. 11, November 1957.

MIECZKOWSKI, Z.

MIECZKOWSKI, Z. P. N. Stepanov's Industrial Geography of the Soviet Union; a  
book review. p 609

Vol. 28, no. 3, 1956  
ATLAS POLSKICH STROJOW LUDOWYCH  
Poland

So: East European Accession, Vol. 6, No. 5, May 1957

MIECZKOWSKI, Z.

MIECZKOWSKI, Z. R. S. Lifshits' Outline of the Location of Industry of the Soviet Union; a book review. p. 606.

Vol. 28, no. 3, 1956  
ATLAS POLSKICH STROJOW LUDOWYCH  
Poland

So: East European Accession, Vol. 6, No. 5, May 1957



MIECZKOWSKI, Z.

MIECZKOWSKI, Z. IA.G. Feigin's Problems of the Location of Production in the Capitalist and in the Socialist Systems; a book review. p.603

Vol. 28, no. 3, 1956  
ATLAS POLSKICH STROJOW LUDOWYCH  
Poland

So: East European Accession, Vol. 6, No. 5, May 1957

MIECZKOWSKI, Z.

N. Baranski's Historical Review of Geographical  
Textbooks, 1876-1884; a book review. P. 415.  
PRZEGLAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW.  
(Polska Akademia Nauk. Instytut Geografii) Warszawa.  
Vol. 28, no. 2, 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress  
Vol. 5, No. 12, December 1956.

MIECZYNSKI, Z.

Information on geography in alendarz kłodajski (1916. Warszawa).  
A dam on the Vistula River. p. 105.  
GEOGRAFIA W SZKOLE, Warszawa, Vol. 6, no. 2, Mar./Apr. 1935.

SR: Monthly list of east European Accessions, (SEMI), IC, Vol. 4, no. 10, Oct. 1915,  
Encl.

MIECZKOWSKI, M.

TECHNOLOGY

Periodicals: PRZEGLAD TECHNICZNY Vol. 79, no. 17, Sept. 1958

MIECZKOWSKI, M. Cooperation of the Central Technical Organization and scientific-technical associations with the Central Council of Trade-Unions and trade-unions. p. 809.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 2,  
February 1959, Unclass.

DICHTER, Michal, mgr.,inz.; KISZAKIEWICZ, Lucja, mgr.; MACZEL, Henryk, mgr.;  
MIECHOWIECKI, Z., inz.

Methods for testing motor lubricating oils in a one-cylinder  
four-stroke motor, of Polish serial production. Nafta Pol 18 no.1:  
20-26 '62.

1. Centralne Laboratorium Produktow Naftowych.

DICHTER, M., mgr inż.; MACZEL, H., mgr inż.; MIECHOWIECKI, Z., inż.

Quality testing of fuel on standard Diesel engines. Hafsa 20  
no.12: 1974.

1. Inclusive of Team Technology, Krakow.

MILITARY

MANUAL, 1970. (1970. 1970. 1970.)

Sole of number 1...  
part 9... 1970

MIDZIC, Sead, Dr.

Mechanics of ventilation and their disorder caused by changes in parietal structure and in form of thorax. Tuberkuloza, Beogr. 9 no.1:19-28 Jan-Feb 57.

1. Bolnica za tuberkulozu pluca i plucne bolesti "Jordanovac", Zagreb  
(direktor: prim. dr S. Ibler)  
(PNEUMOTHORAX, ARTIFICIAL, compl.  
costo-diaphragmatic movement disord. & pleural compl.  
causing ventilatory insuff. (Ser))



MIDZIC, Sead

Bronchopulmonary and mediastinal lesions in adenopathies complicating primary complex. Radovi Med. fak. Zagrebu 3: 266-277 1956.

1. Iz Bolnice za tuberkulozu plucne bolesti Jordonovac, Zagreb (sef. prim. dr. Stanko Ibler).  
(TUBERCULOSIS, PULMONARY, complications, primary complex with lymph node lesions & bronchopulm. & mediastinal compl. (Ser))

MIDZIC, Sead, Dr.

Lesions of the draining bronchi and their influence on the development of pulmonary tuberculosis. *Tuberkuloza, Beogr.* 7 no.5-6:334-342 Sept-Dec 55.

1. Bolnica za tuberkulozu pluca i plucne bolesti "Jordanovac-"  
Zagreb (ravnatelj: prim. dr. S. Ibler)  
(TUBERCULOSIS, PULMONARY, etiol. & pathogen,  
disord. of bronchial drainage (Ser))  
(BRONCHI,  
drain., disord. in pathogen, of pulm. tuberc. (Ser))

IBLER, S., Prim., dr.; MIDZIC, S., dr.; MRAKOVIC, M., dr.

Cancer of the bronchi. Tuberkuloza, Beogr. 7 no.4:207-228  
July-Aug 55.

1. Bolnica za plucne bolesti i tuberkulozu pluca Joradanovac  
u Zagrebu (direktor: prim. dr. S. Ibler).  
(BRONCHI, neoplasms  
(Ser))

MIDZIC, Sead, Dr.

Pathogenesis, clinical aspects, and therapy of bronchiectasis.  
Tuberkuloza, Beogr. 7 no.2-3:110-121 Mar-June 55.

1. Bolnica za tuberkulozu pluca i plucne bolesti Jordanovac--  
Zagreb (ravnatelj: prim. dr. Stanko Ibler).  
(BRONCHIECTASIS,  
pathogen., clin. aspects & ther.)

MIDZIC, S.

Physiopathology of respiration in silicosis. Radovi Med. fak.  
Zagreb 3:237-254 1955.

1. Bolnica za tuberkulozu pluca i plucne bolesti Jordanovac,  
Zagreb (Dir. dr. S. Ibler).

(SILICOSIS, pathology,  
resp.)

(RESPIRATION, in various diseases,  
silicosis)

MIDZHOYAN, Ye. L.

Effect of the yeast residus on the quality of brandy. Biokhim. vin.  
no. 5:54-61 '57. (MLRA 10:6)

1. Institut vinodeliya i vinogradarstva AN Armyanskoy SSR.  
(Brandy) (Yeast) (Distillation)

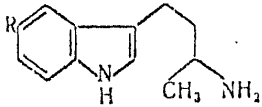
MIDZHOYAN, Ye. L.

Dissertation: "The Process of Cognac (Brandy) Manufacture." Cand Chem Sci, Chemical  
Inst, Acad Sci Armenian SSR, Yerevan 1953

W-30928

SO: Referativnyy Zhurnal, No. 5, Dec 1953, Moscow, AN USSR (~~REF ID: A66555~~)

ACC NR: AP6031066

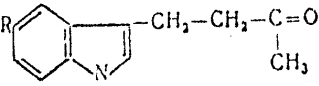
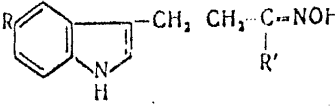
R	R'	Yield %	m.p. °C	Formula	Analysis in %					
					C		H		N	
					Calculated	Found	Calculated	Found	Calculated	Found
H	CH <sub>3</sub>	78,66	110-111	C <sub>12</sub> H <sub>14</sub> N <sub>2</sub> O 	-	-	-	-	-	-
R										
H	-	74,2	195-196	C <sub>14</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub>	(Oxalate)				10,07	10,60
CH <sub>3</sub> O	-	66,1	145-146	C <sub>13</sub> H <sub>15</sub> ClN <sub>2</sub> O	(Hydrochloride)		Found	%: Cl	13,94	
							Calculated	%: Cl	13,97	

SUB CODE: 07/ SUBM DATE: 12Mar65/ ORIG REF: 001/ OTH REF: 004/



ACC NR: AP6031060

Table 1. (Continued)

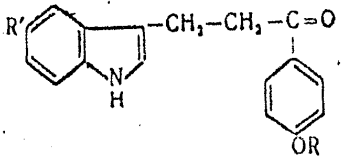
R	R'	Yield %	m.p. °C	Formula	Analysis in %					
					C		H		N	
					Calcu- lated	Found	Calcu- lated	Found	Calcu- lated	Found
C <sub>2</sub> H <sub>11</sub>	H	51.5	112-113	C <sub>27</sub> H <sub>25</sub> NO <sub>2</sub>	78,80	78,88	7,46	7,89	4,16	4,53
n-C <sub>2</sub> H <sub>11</sub>	CH <sub>3</sub>	34,5	102-103	C <sub>23</sub> H <sub>21</sub> NO <sub>2</sub>	75,61	75,39	7,39	7,50	3,33	3,48
										
CH <sub>3</sub> O	-	71,9	109-110	C <sub>13</sub> H <sub>13</sub> NO <sub>2</sub>	71,88	71,79	6,91	7,04	6,45	6,72
H	-	77,5	93-94	C <sub>12</sub> H <sub>13</sub> NO	-	-	-	-	-	-
										
R	R'									
CH <sub>3</sub> O	CH <sub>3</sub>	86,1	125-126	C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>	67,19	67,06	6,89	7,05	12,06	12,11
H		70,0	124-125	C <sub>18</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>	74,02	73,92	6,49	6,39	6,39	9,12

Card 5/6

ACC NR: AP6031066

Composition and properties of the indole derivatives are given in the table. [WA-50; CBE No. 12]

Table 1.

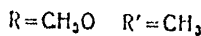
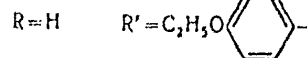
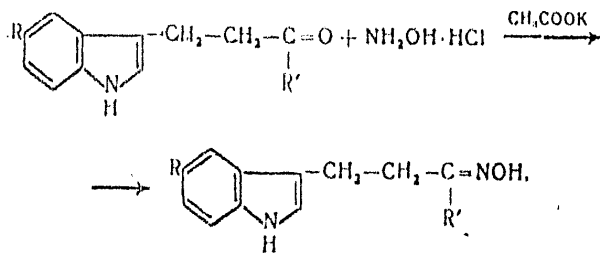


R	R'	Yield %	m.p. °C	Formula	Analysis in %					
					C		H		N	
					Calcu-lated	Found	Calcu-lated	Found	Calcu-lated	Found
CH <sub>3</sub>	H	60.7	114-116	C <sub>18</sub> H <sub>17</sub> NO <sub>2</sub>	77.42	77.70	6.09	5.90	5.01	5.80
C <sub>2</sub> H <sub>5</sub>	H	61.1	128-130	C <sub>19</sub> H <sub>19</sub> NO <sub>2</sub>	77.81	77.90	6.48	5.26	4.77	4.58
n-C <sub>3</sub> H <sub>7</sub>	H	52.19	132-133	C <sub>20</sub> H <sub>21</sub> NO <sub>2</sub>	78.17	78.85	6.84	6.74	4.56	4.40
n-C <sub>4</sub> H <sub>9</sub>	H	58.3	126-128	C <sub>21</sub> H <sub>23</sub> NO <sub>2</sub>	78.50	78.31	7.16	6.82	4.36	4.35
n-C <sub>5</sub> H <sub>11</sub>	H	65.0	119-120	C <sub>22</sub> H <sub>25</sub> NO <sub>2</sub>	78.80	78.93	7.46	7.68	4.18	3.91

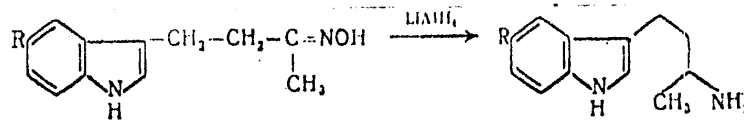
Card 4/6

ACC NR: AP0031066

Three of the ketones were converted into oximes:



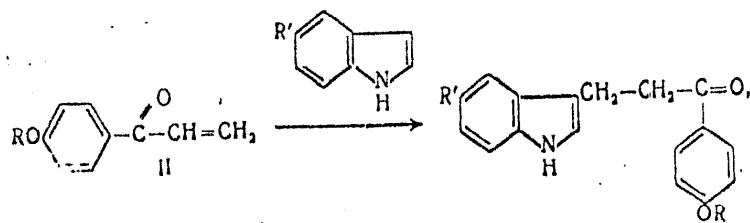
and the latter were reduced to form the corresponding amines, which were characterized as oxalated and hydrochlorides:



R=H, CH<sub>3</sub>O.

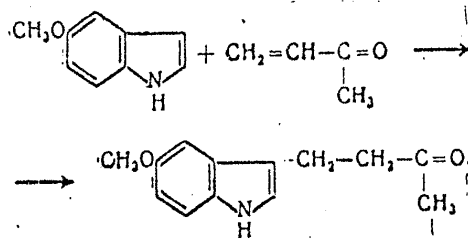
Card 3/6

ACC NR: AP6031066



where: R' = H, R = CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, n-C<sub>3</sub>H<sub>7</sub>, n-C<sub>4</sub>H<sub>9</sub>, n-C<sub>5</sub>H<sub>11</sub>,  
 iso-C<sub>5</sub>H<sub>11</sub>, R' = CH<sub>3</sub>O, R = n-C<sub>5</sub>H<sub>11</sub>.

Reaction of 5-methoxyindole with methyl vinyl ketone in acetic acid in the presence of acetic anhydride on heating for 35—40 min on a water bath yielded 4-(5-methoxy-3-indolyl)-2-butanone:



ACC NR: AP6031066

SOURCE CODE: UR/0426/66/019/007/0533/0537

AUTHOR: Midszhoian, A. L.; Papayan, G. L.

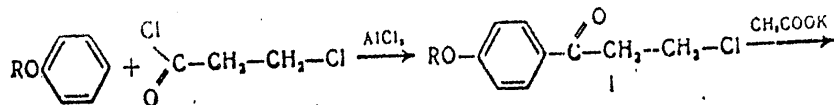
ORG: Institute of Fine Organic Chemistry, AN ArmSSR (Institut tonkoy organicheskoy khimii AN ArmSSR)

TITLE: Indole derivatives 3-( $\beta$ -indolyl)- and 3-(5-methoxy- $\beta$ -indolyl)-p-alkoxy-propiofenone

SOURCE: Armyanskiy khimicheskoy zhurnal, v. 19, no. 7, 1966, 533-537

TOPIC TAGS: indole derivative, indolyl alkylpropiofenone, methoxyindolyl alkoxy-propiofenone, *KETONE, ORGANIC OXIME COMPOUND, AMINE*

ABSTRACT: Studies were made of the possibility of condensation of ketones of type II with indole and its derivatives. On standing for 24 hr at room temperature, a mixture of indole with p-alkoxyphenyl vinyl ketone (II) in acetic acid in the presence of acetic anhydride yielded p-alkoxy-3 ( $\beta$ -indolyl)propiofenones:



MNDZHOYAN, A.L., red.; AKOPYAN, N.Ye., red.; AFRIKYAN, V.G., red.;  
MARKARYAN, M.O., red.; MIRZOYAN, S.A., red.; MIDZHOYAN,  
A.L., red.; RYSS, S.M., red.

[Arpenal and the results of its clinical use] Arpenal i opyt  
ego klinicheskogo primeneniia. Erevan, Izd-vo AN Armianskoi  
AAR, 1964. 387 p. (MIRA 17:11)

1. Akademiya nauk Armyanskoy SSR, Erivan. Institut tonkoy  
organicheskoy khimii.

MIDZHOYAN, A.L.; PAPAYAN, G.L.; BAGOYAN, M.A.

Derivatives of substituted acetic acids. Report No.25:  
 $\beta$ -Dialkyl aminoethyl,  $\alpha$ -methyl- ~~$\gamma$~~  dialkyl aminopropyl, and  
 ~~$\beta$~~  $\beta$ -dimethyl- ~~$\gamma$~~ dialkyl aminopropyl esters of  
(p-chlorophenyl)-cyclopentanecarboxylic acid. Izv.AN Arm.SSR.  
Khim.nauki 16 no.4:359-364 '63. (MIRA 16:9)

1. Institut tonkoy organicheskoy khimii AN Armyanskiy SSR.

L 11079-63

ACCESSION NR: AP3000649

2

attempted by treatment with 1.5 to 10% solutions of various antioxidants in acetone, followed by drying at 300 and testing for heat resistance by heating at 1500 to the onset of brittleness. Among the antioxidants used, Agerite White and "Nonex Exn" were found to be the most effective; their ability to render I thermally stable did not depend on the duration of treatment. Because of its good mechanical and dielectric properties, I can be used as an electric insulation material. Orig. art. has: 3 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 03 Nov 61

DATE ACQ: 12 Jun 63

ENCL: 00

SUB CODE: CH

NO REF SOV: 001

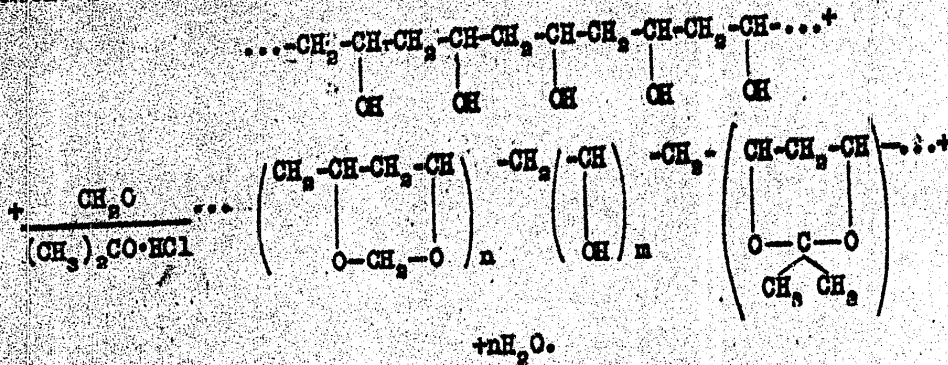
OTHER: 007

Card

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3/3



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 ACCESSION NR: AP3000649



under optimal conditions in acetone, had a tensile strength of 800 to 1200 kg/cm<sup>2</sup>, a tan Δ of 0.02 at 10<sup>6</sup> cps and 20 + or - 50, a dielectric constant of 3.5 to 4.0 at 10<sup>6</sup> cps, a mean breakdown voltage of 80 to 100 kv/mm, and a water absorption of 5 to 7% in 48 hours. Polymer I retains its elasticity for 12 to 18 hr at 200C but after heating for 2 to 3 days at 150C loses it and becomes brittle, and its dielectric and mechanical properties deteriorate. The latter phenomena were postulated to be due to slow oxidation by the O<sub>2</sub> of the air, leading to the degradation of I by a free-radical mechanism. Stabilization of I was

Card 2/3

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TWP(j)/TWT(m)/ES(s)-2/ES(w)-2/RDS AFFTC/AST/SSD Fe-h/

PL-1/PAB-1 RM

ACCESSION NR: AP3000649

S/0080/63/036/003/0617/0622

AUTHOR: Akopyan, A. Ye.; Midzhiferdshyan, E. S.

75  
73

TITLE: Poly(vinyl formal) film

SOURCE: Zhurnal prikladnoy khimii, v. 36, no. 3, 1963, 617-622

TOPIC TAGS: poly(vinyl formal) film, polymerization, acetalization, Agerite White, Nonex EMI, antioxidant, thermal stability, electric insulation

ABSTRACT: A new method has been developed for the preparation of poly(vinyl formal) (I) film 0.01 to 0.1 mm thick, viz., casting from an 18 to 20% aqueous solution of poly(vinyl alcohol) with a degree of polymerization of 800 to 2300, followed by acetalization of the film with formaldehyde in acetone in the presence of 0.3 to 0.6% HCl, according to the reaction shown in the formula (see Card 2/3). To determine the optimal conditions, the effects on acetalization of catalyst concentration, temperature, and reaction time were studied. The following optimal acetalization conditions were established: reaction time, 1 hr; temperature, 50C; HCl and formaldehyde concentrations, 0.5 and 5%, respectively. The degree of polymerization of poly(vinyl alcohol) had little effect on the strength of I. A film with a degree of acetalization of 60 to 70%, prepared

Card 1/3

MIDYUSHKO, N., shturman (Mineral'nyye Vody); BAKARINOV, M., shturman  
(Mineral'nyye Vody)

The technicians did not go into the attacks. Grazhd. sv. 22  
no.6:18 Je '65. (MIRA 1986)

MIDYAN, A.G.

Genetic relation of molybdenum to intrusive cycles in Armenia.  
Trudy Arm.geol.upr. no.1:51-56 '57. (MIRA 12:1)  
(Armenia--Molybdenum ores)

ILLEGIBLE

CONSTANTINESCU, C.; CONSTANTINESCU, I.; MIDVICH, I.

Tunnel diodes from Ge. Studii cerc fiz 15 no. 2:163-171 '64.

1. Institute of Physics, Bucharest.

1. MIDTSEV, V. A.
2. USSR (600)
4. Agriculture
7. Introduction of the gra slands system of agriculture into arid regions.  
Moskva, Sel'khozgiz, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953. Unclassified.

MIDTSEV, V.A.

Midtsev, V. "The economic effectiveness of field seedturnover on the holdings of Rostov Oblast", Sbornik rabot (Rost. nauch.-issled. zap. okevni i sel. khoz-va), Issue 1, 1949, n. 3-47.

SO: U-411, 17 July 1953, (Lok. d. Uprav. bykh. Stat. No. 6, 1953).



FARBER, N.A.; SINAYKO, G.A.; KOVREVA, T.S.; MIDRO, O.S.; ANDREYEVA, N.A.

Evaluation of the therapeutic action of dioron in Botkin's disease. Sov. med. 28 no.10:127-131 O '65. (MIRA 18:11)

1. Klinicheskiy otdel (zav.- dotsent Ye.S. Ketiladze, nauchnyy rukovoditel' - prof. A.F. Bilibin) Instituta virusologii imeni Ivanovskogo (dir.- prof. V.M. Zhanov) AMN SSSR i Moskovskaya gorodskaya klinicheskaya infektsionnaya bol'nitsa No.82 (glavnyy vrach - kand. med. nauk A.V. Yeremyan), Moskva.

POLAND

FORNAL, Zofia, Dr, director; and MIDRO, H. Lina; Municipal Analytic Laboratory in Katowice

"Clostridium as the Etiological Agent of Conjunctivitis."

Warsaw, Medycyna Doswiadczalna i Mikrobiologia, Vol 18, No 2, 1966, pp 109-110

Abstract [authors' Russian and English summaries, modified]: Clostridia were isolated in three cases of conjunctivitis ( a coal miner, a furrier, and a child 1.5 years old). One of the strains was identified as Clostridium perfringens type A. The two other strains are its variant, formerly referred to as Clostridium egens. No references.

1/1

MIDRJAK, R.

"Looking for Bears."

p. 261. (Cesky Lid., Vol 34, No. 7, 1957, Prague, Czechslovakia)

GEOGRAPHY & GEOLOGY

Monthly Index of East European accessions (EEAI) 10, Vol 7, No. 12, Dec 58