

L 52073-65

ACCESSION NR: AP5014086

two insoluble compounds: basic chloride $ZrO(OH)_{1.75}Cl_{0.25}$ and zirconium hydroxide $ZrO(OH)_2$. Interaction in the $Pb(NO_3)_2 - HCl - NH_4OH - H_2O$ and $Pb(NO_3)_2 - ZrOCl_2 - NH_4OH - H_2O$ system is associated with the formation of lead chloride and basic lead chlorides $xPbO \cdot PbCl_2$, whose composition depends on the pH of the solutions. The optimum pH range for the coprecipitation of compounds of lead and zirconium is 9.0-9.5. The precipitate contains zirconium hydroxide $ZrO(OH)_2$ and basic lead chloride $PbO \cdot PbCl_2$; hydrolysis of the latter is accomplished by washing the precipitate with ammonium nitrate. Orig. aut. has: 3 figures and 3 tables.

ASSOCIATION: Donetskii filial VNI Khimreaktivov i osobochistykh veshchestv (Donets Branch, VNI of Chemical Reagents and High-Purity Substances)

SUBMITTED: 11 Dec 84

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NO REF SOV: 009

OTHER: 005

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Card 2/2

UVAROVA, Klavdiya Grigor'yevna

For Pathogenesis of Shock (leykopeniy)

Dissertation for candidate of a Medical Science degree. Chair of Pathological Physiology, (head, Prof. O.S. Glozman), Saratov Medical Institute, 1951

UVAROVA, K.G.; TARABUKHINA, Ye.V.

Hemopoiesis in hypertension. Ter. arkh., Moskva 25 no. 1:34-44
Jan-Feb 1953. (CJML 24:1)

1. Of the Propedeutic Therapeutic Clinic (Head -- Prof. I. I.
TS vetkov), Saratov Medical Institute.

UVAROVA, K.G. (Saratov)

Dynamics of the amount of nonhemoglobinated iron in the blood
serum of patients with various types of anemia. Kaz. med. zhur.
no. 4:88 J1-Ag '60. (MIRA 13:6)
(ANEMIA) (IRON IN THE BODY)

SHAMARIN, P.I., prof.; UVAROVA, K.G., kand. med. nauk

Diagnostic errors in diseases of the biliary tract. Kaz.med.
zhur. no.5:11-15 S-0'63 (MIRA 16:12)

1. Kafedra propedevticheskoy terapii (zav. - prof. P.I.
Shamarin) Saratovskogo meditsinskogo instituta.

UVAROVA, K.G., kand. med. nauk; GURZO, V.F. (Saratov)

Effect of the stimulation of tonsils on some hemodynamic indices. Kaz. med. zhur. no.5:83 3-0'63 (MIRA 16:12)

UVAROVA, L.

24104 UVAROVA, L. Shkola zhizni. (O tkachikhe - staklavovke kombinata "Trekhgornaya manufaktura" A. Shecherbokovoy). Smena, 1949, No. 14, S. 11.

SO: Letopis, No. 32, 1949.

UVAROVA, L.; KOROSTELEVA, Ye., redaktor; YAKOVLEVA, Ye., tekhnicheskiy
redaktor

[A sense of the future] Chuvstvo budushchego. [Moskva] "Moskovskii
rabochii," 1951. 38 p. [Microfilm] (MLRA 7:10)
(Kulagin, Boris Ivanovich)
(Machine-shop practice)

UV,ROVA, L.

Soviet National Association of Historians of Science and Technology.
Izv. AN SSSR. Otd. tekhn. nauk no.1:142 Ja '58. (MIRA 11:3)
(Scientific societies)

UVAROVA, L.

122-2-23/33

AUTHOR: Uvarova, L., Candidate of Technical Sciences, Learned Secretary of Mechanical Engineering Section

TITLE: Soviet National Association of Historians of Science and Engineering (Sovetskoye natsional'noye ob'yedineniye istorikov nauki i tekhniki)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, No. 2, p. 66 (USSR)

ABSTRACT: An association was set up of historians of natural science and engineering, comprising thirteen sections including that of history of mechanical engineering. A conference, on November 11-12, 1957, was devoted to discussing certain theoretical problems elucidated in the book of Prof. George Bernal - "Science in the History of Society". Soviet historians proposed to take a more active part in international conferences and meetings of historians of science and engineering.

ASSOCIATION: Soviet National Association of Historians of Science and Engineering (Sovetskoye natsional'noye ob'yedineniye istorikov nauki i tekhniki)

AVAILABLE: Library of Congress

Card 1/1

UDALOVA, A.P.; UVAROVA, L.B.

Work of the diagnostic ward during the poliomyelitis epidemic
of 1959. Med. zhur. Uzb. no.1:49-50 Ja '62. (MIRA 15:3)

1. Iz detskoy infektsionnoy bol'nitsy No.3 (konsul'tant - prof.
K.G. Titov) goroda Tashkenta.
(TASHKENT-- POLIOMYELITIS)

UVAROVA, I. I.

Long-distance transmission of mechanical energy. Trudy Inst. ist. ant.
1 tekhn. 13:153-174 '55. (MIRA 10:1)
(Power transmission--History)

UVAROVA, L.I.

UVAROVA, L.I.: "Development of the technique of transmitting power from a motor to a working machine (the pre-electric period)". Moscow, 1955. Acad Sci USSR. Inst of the History of Natural Sciences and Engineering. (Dissertations for the Degree of Candidate of Technical Sciences).

SO: Knizhnaya letovis' No 44, 29 October 1955. Moscow.

UVAROVA, L.I.

First long-distance transmission of energy. Vop.ist.est. 1 tekh.
no.2:245-252 '56. (MIRA 10:1)
(Power transmission)

УВАРОВА, Л. И.

3-3-25/40

AUTHOR: Uvarova, L.I., Candidate of Technical Sciences
Institute of History of Natural Science and Technique, AN USSR

TITLE: Excellent Text-Book on History of Technique (Udachnyy
uchebnik po istorii tekhniki)

PERIODICAL: Vestnik vyshey shkoly, March 1957, No. 3, pp. 84-88 (USSR)

ABSTRACT: The article represents a review on "The History of Technique
written by L.D. Bel'kind, I.Ya. Konfederatov and Ya.I. Shney-
berg, and published in 1956. The author comments on the
different chapters of the book and the review, in general,
is a favorable one. He states that the new text-book differs
from other works on the history of technic by its object-
ivity in evaluating the contributions made to technical pro-
gress by the individual men of technique and science

ASSOCIATION: Institute of History of Natural Science and Technique, AN USSR
(Institut istorii yestestvoznaniya i tekhniki AN SSSR)

AVAILABLE: Library of Congress

Card 1/1

UVAROVA, L.I.

Origin and initial development of mechanical power-transmission
equipment. Trudy Inst. ist. est. i tekhn. 21:44-82 '59.
(MIRA 13:3)

(Power transmission)

UVAROVA, Lidiya Ivanovna; OSTOL'SKIY, Vs.I., otv.red.; AKSEL'ROD, P.S.,
red.izd-vs; YEGOROVA, N.F., tekhn.red.

[Development of devices for the transmission of mechanical power]
Razvitie sredstv peredachi mekhanicheskoi energii. Moskva, Izd-vo
Akad.nauk SSSR, 1960. 193 p. (MIRA 13:11)
(Power transmission)

UVAROVA, L. I.

Development of the scientific designing of machinery in Russia.
Vop.ist.est. i tekhn. no.11:116-119 '61. (MIRA 14:11)
(Machinery--Design)

UVAROVA, L.I.

The first Russian atlases of machinery drawings. Trudy Inst.1st.est.1
tekh. 38:3-10 '61. (MIRA 14:5)

(Machinery--Drawing)

UVAROVA, L.I.

Construction of machinery in the 18th century. Trudy Inst.ist.-
est. i tekhn. 45:19-27 '62. (MIRA 15:8)
(Machinery—Construction)

VOLODCHENKO, K.G.; BOMAS, O.V.; ISAKOV, L.I.; SMIRNOV, V.A.; KUNICHENKO, M.S.; LASHKOVA, Ye.A.; UVAROVA, M.A.; CHEVOTKINA, M.A.; NIKOLAYEV, P.S., glavnyy red.; SEREBRYAKOV, L.P., glavnyy red.; DERZHAVINA, N.G., red.; GUROVA, O.A., tekhn.red.; IVANOVA, A.G., tekhn.red.

[ENV unified production norms for operations in geological prospecting; mining operations] Edinye normy vyrabotki na geologorazvedochnye raboty (ENV); gornopromyshlennyye raboty. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр, 1959. (MIRA 13:6)
123 p.

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany neдр.
2. Otdel ekonomiki geologorazvedochnykh rabot Vsesoyuznogo nauchno-issledovatel'skogo instituta mineral'nogo syr'ya (VIMS) (for Volodchenko, Bonas, Isakov, Smirnov, Kunichenko, Lashkova, Uvarova, Chevotkina).

(Mining engineering--Standards)

UVAROV, N. I.

USSR/Chemistry - Vinyl Ethers

Nov/Dec 51

"Certain Methods for Quantitative Determination of Vinyl Ethers," M. F. Shostakovskiy, Ye. N. Prileshayeva, N. I. Uvarov, Inst of Org Chem, Acad Sci USSR

"Zhur Analit Khim" Vol VI, No 6, pp 348-352

On basis of vinylpropyl and vinylisopropyl ethers, worked out methods for quant detn of vinyl ethers. Hydrolytic oximation of ether in presence of hydroxylamine chloride yields good results if ether contains 20% alc. Greater % of alc results in lengthy procedure and incomplete detn. Hydroxylamine sulfate gives unsatisfactory quant detn since it does not cause total oximation. Iodometric method gives satisfactory results for mixts contg any ratio of ether to alc.

PA 195T30

UVAROVA, N. I.

Inorganic Chemistry

Dissertation: "Synthesis and Certain Properties of Thiovinyl Ethers."
Cand Chem Sci, Inst of Organic Chemistry imeni N. D. Zelinskiy, Acad
Sci USSR, Oct-Dec 1953. (Vestnik Akademii Nauk, Mar 54)

SO: SUM 213, 20 Sept 1954

UVAROVA, N. I.

USSR .

✓ Azeotropic mixtures of vinyl alkyl ethers with alcohols.
H. M. F. Shostakovskii, E. N. Prizhacova, and N. I.
Uvarova. J. Appl. Chem. U.S.S.R. 26, 1003-8 (1953)
(Engl. translation).--See C.A. 49, 10534d. H. I. H.

UVAROVA, N.I.

Azeotropic mixtures of vinyl alkyl ethers with alcohols.

H. M. P. Smolenskii, V. N. Priglasnyy, and N. I. Uvarova (Acad. Sci. U.S.S.R., Moscow; *Zhur. Priklad. Khim.*, 1974, 47, 1033); cf. C.I. 42, 1033d. — Generally $\text{CH}_2=\text{CHO}R$ and $R'\text{OH}$ form a misc.-boiling azeotrope if the difference in b.p.s. of the components is not over 30° . The closer the b.p., the greater is the difference in properties of the azeotrope from those of the ether; at the same time the proportion of $R'\text{OH}$ increases in the azeotrope. The following phys. properties (b.p., d_4^{20} , n_D^{20}) were found for 4 azeotropes: $\text{CH}_2=\text{CHO}i\text{-PrOH}$, 61.0° , 0.7607, 1.3835; $\text{CH}_2=\text{CHO}n\text{-PrOH}$, 59.8° , 0.7725, 1.3835; $\text{CH}_2=\text{CHO}i\text{-BuOH}$, 55.2° , 0.7657, 1.3842; $\text{CH}_2=\text{CHO}i\text{-C}_4\text{H}_9\text{OH}$, 52.0° , 0.7594, 1.3827. The wt.-% compn. of the mixts. (alc.:ether, resp.) were: 4.5-93.5; 17.2-82.8; 6.0-94.1; 10.5-89.5. Viscosities in centipoises at 20° were employed as 1 of the methods of calcg. the compn.; they are for the azeotropes 0.4567, 0.3879, 0.3245, and 0.3150, resp.

G. M. Kosolapoff

Sub. Vinyl Ethers, Inst. Org. Chem.

UVAROVA, N. I.

USSR/ Chemistry Sulfurous compounds

Card : 1/1

Authors : Shostakovskiy, H. F., Prilezhaeva, E. H., and Uvarova, N. I.

Title : Synthesis of sulfurous compounds on the vinyl ether and acetylene basis.
Part 10.- Synthesis and certain conversions of vinylethyl sulfide.

Periodical : Izv. AN SSSR, Ctd. Khim. Nauk. 3, 526 - 534, May - June 1954

Abstract : Conditions favorable for the synthesis of vinylethyl sulfide with a yield of 60%, were established. The addition of mercaptan and hydrogen sulfide to vinylethyl sulfide when exposed to air, and the polymerization of the latter in the presence of $FeCl_3$ and $SnCl_2$ ion catalysts, are analyzed. The formation of mercurated ethylmercaptan salt was determined during the reaction of vinylethyl sulfide with mercuric chloride in alcohol and water solutions. The formation of an unstable complex salt, decomposing in water or alcohol, was established during the reaction in an ether solution. Twenty-two references: 10 USSR, 8 German, 4 USA. Tables.

Institution : Acad. of Sc. USSR, The H. D. Zelinskiy Institute of Org. Chemistry

Submitted : February 10, 1953

Uvarova, N.I.

USSR/ Chemistry - Synthesis and conversion

Card 1/2 Pub. 40 - 20/27

Authors : Shostakovskiy, M. F.; Prilezhayeva, Ye. N.; and Uvarova, N. I.

Title : Synthesis of sulfurous substances on the vinyl ether and acetylene basis.
Part II. Ion conversions of vinyl ethyl sulfide

Periodical : Izv. AN SSSR. Otd. khim. nauk 1, 154-162, Jan-Feb 1955

Abstract : It is shown experimentally that ion reactions of vinyl ethyl sulfide with water, alcohol and halogen hydracid have a certain inherent specificity but by their general nature are closely analogous to vinyl allyl ethers. The conditions most favorable for the hydrolysis of vinyl ethyl sulfide were established, together with the conditions leading to the addition of

Institution : Acad. of Sc., USSR, The N. D. Zelinskiy Inst. of Org. Chem.

Submitted : November 14, 1953

Card 2/2 Pub. 40 - 20/27

Periodical : Izv. AN SSSR. Otd. khim. nauk 1, 154-162, Jan-Feb 1955

Abstract : the alcohol to the vinyl ethyl sulfide and the formation of monothioacetal. The conditions most suitable for the hydrohalogenation of vinyl ethyl sulfide are described. Thirteen references: 8 USSR, 2 USA, 2 German and 1 Dutch (1889-1954). Tables

UVAROVA, N. I.

Synthesis of sulfur compounds based on vinyl ethers and acetylene. XIII. General method of synthesis of thio-vinyl ethers. M. F. Shostakovskii, E. N. Prilezhneva, and N. I. Uvarova. Bull. Acad. Sci. U.S.S.R., Div. Chem. Ser. 1955, 821-1 (Engl. translation).— See C.A.B. 50, 4278c. R. M. F.

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M. A. KOUTE

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UVAROVA - N I

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V Synthesis of sulfur compounds based on vinyl ethers and
 alcohols. XIII. A general method of synthesis of thio
 vinyl ethers. M. P. Shostakovskii, B. N. Prikhaeva, and
 N. I. Uvarova (N. D. Zelinskii Inst. Org. Chem., Moscow).
 Dokl. Akad. Nauk S.S.S.R., *Dokl. Khim. Nauk* 1955, 904-
 906; cf. C.A. 50, 7030f. — BuSH (106.5 g.), 180 g. dioxane,
 and 13.2 g. KOH (20 mole-%) satd. with C₂H₄ in an auto-
 clave in the cold, an C₂H₄ pressure of about 30 atm. then
 maintained 1 hr. at 70-90°, the mixt. dild. with Et₂O,
 washed with H₂O, and the org. layer distd. gave a series of
 fractions from which were isolated 96 g. BuSCH:CH₂, b.p.
 47.5-48.5°, n_D²⁰ 1.4722, d₄²⁰ 0.8493, and 7.5% (CH₂SBu).
 The use of an aq. soln. in the reaction gave but 30% of the
 sulfide, while EtOH, MePh, or C₆H₆ gave zero yields.
 Similarly were obtained the following RSCH:CH₂ (R, %
 yield, b.p./mm., d₄²⁰, and n_D²⁰ given): Pr, 60, 43.5°/50,
 0.8723, 1.4734; Et, 61, 91.9-2.2°/760, 0.8767, 1.4756;

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M.A. YOUTZ
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SYNTHESIS OF SULFON

iso-Am, 65, 53.5-4.5°/17, 0.8815, 1.4704; *PhCH*, 76.2, 90-90.5°/7, 1.0347, 1.5794; *Ph*, 71.6, 76.5°/4, 1.0417, 1.5883 (this is best run in BuOH 3 hrs. at 145-60°). The disulfides are best obtained by mixing the corresponding mercaptans and thio vinyl ethers in contact with air; the reaction, which commences in a few min., is exothermic and cooling to 20-5° is advised, after which the mixt. is kept overnight and is distd. Thus were obtained (% yield, b.p., mm., n_D^{20} , and d_4^{20} given): *EtOCH*, *CH*, *SBu*, 100, 93.5°/3.5, 1.5013, 0.9539; (*CH*, *SPh*), 100, 87.5°, —, —; *BuSCH*, *CH*, *SCH*, *CH*, *OBu*, 90, 155°/4, 1.4900, 0.9600; (*CH*, *SPh*), —, 91-2.5°/3, 1.5046, 0.9565; (*CH*, *SBu*), —, 131-2°/6, 1.4967, 0.9355. The vinyl thio ethers are quantitatively cleaved by HgCl₂ in EtOH so that this reaction may be used for analytical titration of such compds., yielding RSHgCl, HCl, and MeCH(OEt).
G. M. Kosolapoff

Handwritten initials and a checkmark.

UVAROVA, N.I.

SHOSTAKOVSKIY, M.F.; PRILEZHAYEVA, Ye.N.; UVAROVA, N.I.

Free radical polymerization and copolymerization of thiovinyl
esters. Soob.o nauch.rab.chl.VKHO no.3:21-24 '55. (MIRA 10:10)
(Polymerization) (Vinyl alcohol)

Uvarova, N. I.
USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 958

Author: Mastryukova, T. A., Prilezhayeva, Ye. N., Uvarova, N. I., Shostakovskiy, M. F., and Kabachnik, M. I.

Institution: Academy of Sciences USSR, *Inst. Organic Chem in N D Belinskij*

Title: On the Reaction of Dialkyldithiophosphates with Thiovinyl Ethers

Original

Periodical: Izv. AN SSSR, Section on Chemical Sciences, 1956, No 4, 443-450

Abstract: It is shown that $(RO)_2PSSH$ (I) combines easily with $CH_2 = CHSR'$ (II) in accordance with Markovinkoff's rule with the formation of $(RO)_2PSSCH(CH_3)SR'$ (III). The following compounds of the type III have been prepared (R, R', the yield in percent, bp in °C/mm, n_D^{20} , and d_4^{20} are indicated in that order): C_2H_5 , C_2H_5 (IV), 70-75, 109-110/2.5, 1.5293, 1.1392; C_2H_5 , C_4H_9 (V), 66, 109-110/2, 1.5198, 1.0965; C_2H_5 , $C_4H_9OCH_2CH_2$, 80, 123-125/3, 1.5125, 1.0940; iso- C_4H_9 , C_2H_5 , 78, 113-115/2, 1.5070, 1.0556; iso- C_4H_9 , C_4H_9 , 90, 121-122/2, 1.5052, 1.0384; iso- C_4H_9 , $C_4H_9OCH_2CH_2$, 60-80, 124-126/3, 1.5012,

Card 1/2

USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 958

Abstract: 1.0422. The structure of III was established by their synthesis, carried out as for IV and V, from $(C_2H_5O)_2PSSK$ (VI) and $CH_3CH(SR)Cl$ (VII), as well as by cleavage of III with $HgCl_2$ in alcohol; the latter reaction yields $C_3CH(OC_2H_5)_2$ (VIII), $R'SHgCl$ (IX) and $(RO)_2PSSHgCl$; the last named disproportionates on purification to $[P(O)_2PSS/2Hg]$ (X) and 2 moles of HCl . The HCl can be titrated quantitatively with 0.1 N $NaOH$. For the synthesis of IV, 0.05 moles I ($R = C_2H_5$) are added to 0.068 moles II ($R = C_2H_5$) at 60-62°; the mixture is stirred for 30 minutes and allowed to stand 12 hours, after which it is distilled. The remaining III can be prepared by the same method. When 0.09 moles VII ($R = C_2H_5$) are added dropwise to 0.05 moles of VI in 25 ml ether and a mixture heated 3 hours at 40°, followed by filtration of the KCl , IV is obtained from the filtrate in yields of 52%. A similar procedure can be used for the preparation of V in 71% yields from VII ($R = C_4H_9$) and VI. When 0.0036 moles IV and 0.0081 moles $HgCl_2$ are reacted in 11 ml 96% alcohol, VIII is obtained in yields of 92.9%; the latter reaction also yields HCl (yield 97.7%), 0.8 gms IX ($R' = C_2H_5$) and 0.7 gms X ($R = C_2H_5$), mp 121-122° (from benzene; decomposes).

Card 2/2

UVAROVA, N. I.

Composition of dry distilled turpentine from the tar of Korean pine (Pinus koraiensis). N. I. Uvarova and I. I. Berezovskaya. Zashchita Khim. 10

A fraction, b. 156-98° from a sample of the dry turpentine, b. 156-98° at 10 mm. Hg. was analyzed. It contained 40% of the main component and 60% of other components. n_D²⁰ 1.4726, [α]_D²⁰ -0.08, and no. 14. Fractionation on silica (20 mm. Hg) in a column with 25 theoretical plates indicated the presence of camphene 20, camphorene 7, cyclobutyl dicyclopentene 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Belorussian Wood Chem. Inst.

Chavara, N.I.

07

AUTHORS: Shostakovskiy, M. F., Prilezhayeva, Ye. N., SOV/62-53-10-14/25
Uvarova, N. I.

TITLE: The Synthesis of Sulfur Compounds on the Basis of Vinyl
Ethers and Acetylene (Sintez sernistykh veshchestv na
osnove vinilovykh efirov i atsetilena) Communication 17.
Vinyl Ether of Monothioethylene Glycol (Soobshcheniye 17.
Vinilovyye efiry monotioetilenglikolya)

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk,
1958, Nr 10, pp 1245 - 1249 (USSR)

ABSTRACT: In earlier papers (Refs 1,2) it was shown that the
double bond in the α, β position to the sulfur atom
is considerably less active in ion reactions of the
compound and in polymerizations, than the same bond
under the action of the oxygen atom. In the present
paper the authors mention some data on the chemical
behaviour of vinyl ether of monothioethylene glycol. Its
complete vinyl ether is of interest as it contains
in one molecule both types of double bonds. In the
vinylation of monoethylene glycol its S-vinyl ether

Card 1/3

The Synthesis of Sulfur Compounds on the Basis of SOV/62-58-10-14/25
Vinyl Ethers and Acetylene. Communication 17. Vinyl Ether of Mono-
thioethylene Glycol

is formed in good yield: 1-vinyl mercapto-2-oxy-ethane, which points to the relatively high reactivity (under the conditions of the mercapto group as compared to that of the hydroxyl group). The obtained 1-vinyl mercapto-2-oxy ethane has the same chemical properties of the not substituted thiovinyl ether. In the reaction with ethyl mercaptane (in contrast to other thiovinyl ethers, Refs 1,6) a mixture of the combination products is formed. Under the action of dinitrile of the azoiso butyric acid a polymer is formed with a three-dimensional structure (by partly linking at the expense of the oxy groups, as this polymer can not be dissolved in any of the solvents under review). The authors showed that the double bonds in 1-mercapto-2-vinyl ethane under the action of oxygen and sulfur are characterized by their easy ion reactions especially the reaction of the hydrolysis in acid medium. There are 1 table and 9 references, 6 of which are Soviet.

Card 2/3

The Synthesis of Sulfur Compounds on the Basis of Vinyl Ethers and Acetylene. Communication 17. Vinyl Ether of Mono-thioethylene Glycol SOV/62-58-10-14/25

ASSOCIATION: Institut organicheskoy khimii im.N.D.Zelinskogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N.D. Zelinskiy AS USSR)

SUBMITTED: February 8, 1957

Card 3/3

11(1) PAGE I BOOK EXPLORATION 807/8775

Академия наук СССР. Механикаfluid, etc

Книга органической химии, посвященная 100-летию со дня рождения И.И. Зинина (Chemistry of Organic Compounds Contained in Petroleum Products); (Series of the State Scientific Series) Moscow, Izdat. AN SSSR, 1976. 376 p. 2,000 copies printed. Areas fully inserted.

Editorial Board: B.D. Golubov (resp. Ed.) Doctor of Chemical Sciences; S.P. Gal'perin, Doctor of Chemical Sciences; Ye. B. Chertov, Doctor of Technical Sciences; V.V. Puzov, Candidate of Technical Sciences; and V.P. Borodakhtvenko, Candidate of Chemical Sciences; Ed. of Publishing House: I.I. Kravtsov, Tech. Ed.: T.P. Polunova.

PREFACE: This book is intended for chemists, chemical engineers, and technicians specializing in the chemistry of petroleum.

CONTENTS: The book is a collection of papers presented at the Third Scientific Session on the Chemistry of Organic Sulfur- and Nitrogen Compounds Contained in Petroleum and Petroleum Products. The scientific session was held in Ufa, June 3-6, 1977. The book consists of six sections: 1) Synthesis, characterization, and analysis of organic sulfur compounds; 2) Separation and composition of organic sulfur compounds contained in petroleum and petroleum products; 3) Transformation of organic sulfur compounds by thermal catalysis; 4) Corrosive properties of and tar formation from sulfur-containing petroleum and petroleum products; 5) Use of organic sulfur compounds and hydrogen sulfide; 6) Physicochemical properties of organic sulfur compounds. The book contains 115 references, of which 179 are Soviet, 118 English, 3 French, 12 German, and 1 Czech.

TABLE OF CONTENTS

| | |
|--------------------------|---|
| From the Editorial Staff | 3 |
| Introduction | 5 |
| Card 810 | |

Chemistry of Sulfur Organic Compounds (Cont.) 807/8775

Mikhailov, I.A., B.V. Izotkov, Ye. P. Sobolev, M.G. Zerkov, Effect of Organic Sulfur Compounds on the Low-temperature Properties and Oxidizability of Ferrous-Oxide Oil Fractions 304

Mikheyev, V.S. Some Properties and Experiences With the Use of New, Resistant Iron-Chrom. m Alloy No. 2 in a High-temperature Pyrolytic Process 316

PAGE V. SERIES OF ORGANIC SULFUR COMPOUNDS

Shostakovskiy, M.F., Ye. B. Prilobovskiy, B.I. Ufrev, V.M. Karavayev, Synthesis and Transformations of Sulfur-containing Viny Compounds 337

Blatkov, V.I., L.K. Yezova, Industrial Extraction and Uses of Organic Sulfur Compounds Contained in the Diesel Distillates of Ishtaby Petroleum 351

Amelin, A.G. Manufacture of Sulfuric Acid From Hydrogen Sulfide Recovered From Fuel Gases 354

Card 9/10

SHOSTAKOVSKIY, M.F.; UVAROVA, N.I.

Synthesis and certain properties of vinyl boronyl ether. Izv.
AN SSSR. Otd. khim. nauk no.2:343-348 F '61. (MIRA 14:2)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR i Institut
organicheskoy khimii im.N.D.Zelinskogo AN SSSR.
(Ether)

UVAROVA, N.I.

Some conversions of vinyl menthyl ether. Izv. AN SSSR. Otd. khim.
nauk no.2:348-352 F '61. (MIRA 14:2)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR.
(Ether)

UVAROVA, N.I.

Synthesis and some transformations of vinyl furfuryl ether. Izv.
Sib.otd.AN SSSR no.1:78-82 '62. (MIRA 15:3)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR, Vladivostok.
(Ethers)

BYSTRITSKIY, I.A., dotsent; UVAROVA, N.I., vrach

Sarcoma of the uterus in an eight-year-old girl. Vop.okh.mat.
i det. 7 no.12:74-75 D'62. (MIRA 16:7)

1. Iz Kurskoy zheleznodorozhnoy otdelencheskoy detskoy bol'nitsy
(glavnyy vrach Ye.A.Sever'yanova).
(UTERUS—CANCER) (CHILDREN—DISEASES)

UVAROVA, N.I.; GORSHKOVA, R.P.; YELYAKOV, G.B.

Separation of the sum of glycosides of *Panax ginseng* C.A.Mey on
sephadex. Izv. AN SSSR Ser.khim. no.10:1850-1852 0 '63.

(MIRA 17:3)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR.

SUVOROV, N.N.; PREOBRAZHENSAYA, M.N.; UVAROVA, N.V.; SHEYNBER, Yu.N.

Synthesis of benzo-substituted indolyisopropylamines. Izv. AN
SSSR Otd.khim.nauk no.4:729-730 Ap '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut im. S.Ordzhonikidze i Institut khimii prirodnikh
soyedineniy AN SSSR.

(Amines)

SUVOROV, N.N.; PREOBRAZHENSKAYA, M.N.; UVAROVA, N.V.

Derivatives of indole. Part 13: New method of synthesizing
L-methyltryptamine. Zhur.ob.khim. 32 no.5:1567-1572 My '62.
(MIRA 15:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy
institut imeni S.Ordzhonikidze.
(Indole)

PREOBRAZHENSKAYA, M.N.; UVAROVA, N.V.; SHEYNKER, Yu.M.; SUVOROV, N.N.

Syn-anti-isomerism of 3-aryl hydrazones of 6-methyl-2,3-piperidinedione. Dokl. AN SSSR 148 no.5:1088-1090 F. '63. (MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut im. S.Ordzhonikidze i Institut khimii prirodnykh soyedineniy AN SSSR. Predstavleno akademikom M.M.Shem'yakinym.

(Piperidinedione) (Hydrazones) (Isomerism)

SMETANENKO, Ye.; UVAROVA, O.

The "OZK" automatic packaging machine for small cheeses. Moloch.
prom. 18 no.6:12-14 '57. (MIRA 10:6)

1. Moskovskiy mlechnyy kombinat imeni Gorkogo.
(Packaging machinery) (Cheese)

UVAROVA, O.A., kandidat meditsinskikh nauk

"Problems in microbiology and immunity." A.M.Kirkhenshtein. Reviewed by O.A.Uvarova. Probl.tub. no.3:77-79 Mv-Je '55. (MLRA 8:8)
(KIRKHENSHTEIN, A.M.)
(TUBERCULOSIS)
(IMMUNITY)

UVAROVA, O.A.

PUZIK, V.I., professor; UVAROVA, O.A., kandidat meditsinskikh nauk.

Morphology of healing processes in chemotherapy. Sovr. probl. tub.
6 no.6:3-8 '55. (MLRA 9:1)

(TUBERCULOSIS) (CHEMOTHERAPY)

SHMELEV, N.A., professor; UVAROVA, O.A., kandidat meditsinskikh nauk (Moskva)

Effect of ACTH on the course of experimental tuberculosis. Probl.
endok. i gorm. 2 no.6:38-43 N-D '56. (MLRA 10:2)

1. Iz Instituta tuberkuleza (dir. Z.A.Lebedeva) AMN SSSR.
(TUBERCULOSIS, experimental,
eff. of ACTH (Rus))
(ACTH, effects,
on exper. tuberc. (Rus))

УВАРОВА/УОИТ
MASSINO, S.V.; UVAROVA, O.A.

Transactions of the Republic Institute of Tuberculosis Research
of the Ministry of Public Health of the Georgian S.S.R., vol. 7.
Reviewed by S.V.Massino, O.A.Uvarova. Probl.tub. 35 no.2:115-117 '57.
(TUBERCULOSIS) (MIRA 10:6)

FUZIK, V.I., prof.; UVAROVA, O.A., kand.meditsinskikh nauk

Comparative characteristics of the morphological reactions in guinea
pigs following BCG vaccination with regular and with large doses.
Trudy Inst. tub. AMN 7:96-108 '58. (MIRA 13:10)
(BCG VACCINATION)

ARKHIPOVA, O.P., kand.biologicheskikh nauk; UVAROVA, O.A., kand.medit-
skikh nauk

Dynamics of distribution of P-32 labeled Mycobacteria tuberculosis
in vaccinated and nonvaccinated guinea pigs after subcutaneous
infection. Probl. tub. 38 no.2:53-65 '60. (MIRA 13:11)

1. Iz/mikrobiologicheskoy (zav. - prof. A.I.Kagramanov) i patomor-
fologicheskoy (zav. - prof. V.I.Puzik) laboratoriy Instituta
tuberkuleza AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof.
N.A. Shmelev).

(TUBERCULOSIS)

(PHOSPHORUS--ISOTOPES)

FUZYK, Valentina Il'inichna; UVAROVA, Ol'ga Alekseyevna; GORBACHENKO,
Lev Aleksandrovich; TOLGSKAYA, M.S., red.; SENCHILO, K.K.,
tekh. red.

[Histopathology of the nervous system in tuberculosis in man]
Gistopatologiya nervnoi sistemy pri tuberkuleze u cheloveka.
Moskva, Medgiz, 1961. 222 p. (MIRA 15:7)
(TUBERCULOSIS--NERVOUS SYSTEM)

UVAROVA, O.A., kand.med.nauk

Effect of corticosteroid hormones on tuberculous inflammation.
Probl.tub. no.4:81-90 '61. (MIRA 14:12)

1. Iz patomorfologicheskogo otdeleniya (zav. -- prof. V.I. Puzik)
Instituta tuberkuleza AMN SSSR (dir. Z.A. Lebedeva).
(TUBERCULOSIS) (ADRENOCORTICAL HORMONES)

PUZIK, V.I.,prof.; UVAROVA, O.A., kand.med.nauk

Morphological analysis of the progression of the tuberculous
process during non-effective antibacterial treatment. Probl.
tub. no.5:86-93 '61. (MIRA 15:1)
(TUBERCULOSIS)

BOGUSH, L.K., prof.; SAVON, A.A., kand.med.nauk; UVAROVA, O.A.;
AVERBAKH, M.M. (Moskva)

Clinical and anatomical characteristics of acute postoperative
pneumonias in patients with pulmonary tuberculosis. Klin.med.
39 no.4:91-97 '61. (MIRA 14:4)

1. Iz Instituta tuberkuleza AMN SSSR (dir. -chlen-korrespondent
AMN SSSR prof. N.A. Shmelev, zam. direktora po nauchnoy chasti -
prof. A.I. Kagramanov). 2. Chlen-korrespondent AMN SSSR (for
Bogush).

(TUBERCULOSIS) (PNEUMONIA)

ARKHIPOVA, O. P., kand. biol. nauk; UVAROVA, O. A., kand. med. nauk

Distribution of mycobacteria tuberculosis labelled with radioactive phosphorus in the bodies of the guinea pigs following intravenous inoculation. Probl. tub. no.2:74-83 '62. (MIRA 15:2)

(PHOSPHORUS--ISOTOPES) (MYCOBACTERIUM TUBERCULOSIS)

UVAROVA, O.A., kand.med.nauk; DUBROVSKIY, A.V. (Moskva)

Plasmocytoma of the lung. Klin.med. no.4:127-130 '62.

(MIRA 15:5)

1. Iz Moskovskoy gorodskoy tsentral'noy klinicheskoy tuberkuleznoy bol'nitsy (glavnyy vrach - zasluzhemnyy deyatel' nauki prof. V.L. Eynis, nauchnyy rukovoditel' khirurgicheskogo otdeleniya - chlen-korrespondent AMN SSSR prof. L.K. Bogush) i patomorfologicheskogo otdeleniya Instituta tuberkuleza AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. N.A. Shmelev).

(LUNGS---TUMORS)

MIRZOYAN, E.Z., kand. med. nauk; UVAROVA, O.A., kand. med. nauk

Characteristics of the morphological reactions in experimental tuberculin treatment of tuberculosis combined with streptomycin. Probl. tub. 41 no.5:72-77 '63.

(MIRA 17:1)

1. Iz patofiziologicheskoy (zav. - prof. G.Ye. Platonov) i patomorfologicheskoy (zav. - prof. V.I. Puzik) laboratoriy Tsentral'nogo instituta tuberkuleza Ministerstva zdave-okhraneniya SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.A. Shmelev), Moskva.

RADKEVICH, R.A., prof.; UVAROVA, O.A., doktor med.nauk; UTKIN, V.V., kand.
med.nauk; GROMOVA, L.S., kand.med.nauk; DYATLOVA, N.S., kand.med.nauk

Review of the book "Collection of transactions of the Republic
Scientific Research Institute of Tuberculosis of the Ministry of
Public Health of the Georgian S.S.R.; Vol.10." Probl. tub. 41
no.10:88-90 '63. (MIRA 17:9)

SEVEROV, V.S. (Moskva, ul. 6-go kilometra, d.2, korp. 2, kv.17); UVAROVA,
O.A.; ZEMSKOVA, Z.S.; YANCHEVSKAYA, A.A.; DUBROVSKIY, A.V.

Plasmocytomas of the lung. Vestn. khir. Grkov. 90 no.4:14-17
Ap'63 (MIRA 17:2)

1. Iz khirurgicheskoy kliniki (zav. - prof. I.K.Bogush), pato-
morfologicheskoy laboratorii (zav. - prof. V.I.Puzik) Institu-
ta tuberkuleza AMN SSSR.

UVAROVA, O.A., kand.med.nauk

Histological and histochemical reactions of some endocrine glands
in tuberculosis in man. Probl. tub. 41 no.6:64-72 '63.
(MIRA 17:9)

1. Iz patomorfologicheskogo otdeleniya (zav. - prof. V.I.Puzik)
TSentral'nogo instituta tuberkuleza (dir. - deystvitel'nyy chlen
AMN SSSR prof. N.A. Shmelev) Ministerstva zdravookhraneniya SSSR,
Moskva.

ARKHIPOVA, O.P., kand.biol.nauk; UVAROVA, O.A., doktor med.nauk

Distribution of *Mycobacterium tuberculosis* labeled with P^{32} and morphologic reactions in infected animals following vaccination by various methods. Probl. tub. 42 no.11:63-70 '64.

(MIRA 18:8)

1. Mikrobiologicheskii (zav. - prof. A.I.Kagramanov) i patomorfologicheskii (zav. - prof. V.I.Fuzik) otdely Tsentral'nogo instituta tuberkuleza (direktor - deystvitel'nyy chlen AMN SSSR prof. N.A. Shmelev) Ministerstva zdravookhraneniya SSSR, Moskva.

PUZIK, V.I.; UVAROVA, O.A.

Review of the transactions of the expanded scientific conference
of the Institute of the Brain "Structure and function of human
analysors in ontogeny." Zhur. neur. i. psikh. 63 no.6:945-946
'63. (MIRA 17:6)

ATTAROVA, I.N., kand. med. nauk; UVAROVA, O.A., kand. med. nauk

Case of an atypical course of metastases in hypernephroma.
Vest. rent. i rad. 40 no.1:62-63 Ja-F '65. (MIRA 18:6)

1. Dispansernyy sektor (zav.- prof. M.I. Oyfebakh) i
patomorfologicheskoye otdeleniye (zav.- prof. V.I. Fuzik)
Instituta tuberkuleza (dir.- deystvitel'nyy chlen AMN SSSR
prof. N.A. Shmelev) Ministerstva zdravookhraneniya SSSR, Moskva.

UVAROVA, O.O., inzh.

Redesigning the membrane packing gland of the 4AU-15 compressor.
Khar.prom. no.4:39-40 O-D '62. (MIRA 16:1)

1. Odesskiy molochnyy kombinat. (Compressors)

IVANOV, K.K.; UVAROVA, R.N.; STEPANOVA, L.K.

Chemical composition of surface antigens of *Salmonella paratyphi B*.
Vop. med. khim. 10 no.5:474-479 S-O '64. (MIRA 18:11)

1. Otdel radiatsionnoy mikrobiologii i immunologii Instituta
epidemiologii i mikrobiologii imeni Gamalei AMN SSSR, Moskva.

5(3)

AUTHORS: Zhdanov, Yu. A., Korol'chenko, G. A., SOV/20-122-5-17/56
Uvarova, S. I.

TITLE: New Carbon-Substituted Derivatives of Glucose (Novyye
uglerodzameshchennyye proizvodnyye glyukozy)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 122, Nr 5,
pp 811 - 813 (USSR)

ABSTRACT: In the past the authors had produced different derivatives mentioned in the title. They contained such radicals as naphthyl, tolyl, diphenyl, thienyl, phenetyl, p-anisyl and others (Ref 1). The organomagnesian synthesis proved to be a general method of production of such compounds. The paper under review describes the synthesis of o-anisyl-tetraacetyl-glucose and its bromine and nitric derivatives. The nitroderivative formerly produced of p-anisyl-tetraacetyl-glucose was reduced to the corresponding amine. Hydration in the presence of Raney nickel proved to be the best method of reduction; other methods (with zinc, iron

Card 1/2

New Carbon-Substituted Derivatives of Glucose

BB7/26-122-5-17/56

or tin) did not yield any clear results. The synthesized 3-amino-p-anisyl-tetraacetyl-glucose was turned into the corresponding benzoyl and toluene sulpho-derivatives. Their diazotized product had to undergo an azo-combination with aniline, phenol and β -naphthol. A paragraph on experiments with the usual data was added. There are 2 references, which are Soviet.

ASSOCIATION: Rostovskiy-na-Donu gosudarstvennyy universitet (Rostov-na-Donu State University)
PRESENTED: June 4, 1950, by A.I. Oparin, Academician
SUBMITTED: June 2, 1950

Card 2/2

UVAROVA, T.S.

Role of the assistance council in the medical and therapeutic activity of the Second City Hospital of Vyshniy Volochek.
Zdrav. Ros. Feder. 4 no. 4:32-33 Ap '60. (MIRA 13-10)

1. Glavnyy vrach 2-y gorodskoy bol'nitsy Vyshnego Volochka.
(VYSHNIY VOLOCHEK--HOSPITALS)

UVAROVA, T.V.; SALDUNOVA, V.M.; KORF, Ya.A.

Mikoian Food Combine in Moscow. Kons. i ov. prom. 12 no.11:13-17
N '57. (MIRA 11:1)

1.Moskovskiy pishchevoy kombinat imeni A.I. Mikoyana.
(Moscow--Canning and preserving--History)

UVAROVA, T.V.; SHINDINA, Z.I.

Improving the processing of spices. Koms. i ev. prom. 13
no.12:12-14 D '58. (MIRA 11:12)

1. Moskovskiy pishchevyy kombinat imeni Mikeyana.
(Spices) (Canning industry--Equipment and supplies)

UVAROVA, T.V.

Expand the move for the creation of brigades of communist labor.
Kons. i ov. prom. 14 no.10:8-10 0 '59. (MIRA 12:12)

1. Moskovskiy ordena Lenina pishchevoy kombinat imeni Mikoyana..
(Efficiency, Industrial)

<UVAROVA, T.V.

Competition of communist labor crews at the Moscow Mikoyan
Food Combine. Kons.i ov.prom. 15 no.2:4-6 F '60.
(MIRA 13:5)

1. Moskovskiy ordena Lenina pishchevoy kombinat imeni
Mikoyana.
(Moscow--Food industry)

UVAROVA, T.V.

Socialist competition for a higher grade. Kons.i ov.prom. 16
no.3:8-10 M^r '61. (MIRA 14:3)

1. Moskovskiy ordena Lenine pishchevoy kombinat imeni Mikoyana.
(Canning industry)

UVAROVA, T. V.

Japanese medical journals (a short bibliographic review). Klin.
med. no.8:151-152 '61. (MIRA 15:4)

(~~JAPAN~~-~~MEDICINE~~-~~PERIODICALS~~)

UVAROVA, T.V.

Awards for the participation in the Exhibition of Achievements of
the National Economy of the U.S.S.R. Kons. i sv.prom. 18 no.10:42
0 '63. (MIRA 16:11)

UVAROVA, T.V.

Food Combine of the Order of Lenin in Moscow strives to obtain
the title of enterprise of communist labor. Kons. i ov. prom.
18 no.11:5-9 N '63. (MIRA 16:12)

LUBMAN, A.M.; BURAS, T.M.; BUT, A.S.; PREOBRAZHENSKAYA, N.A.; KOVALEVA,
T.G.; UVAROVA, V.G.

Investigation in the field of alkyd resins. Report No. 5:
Synthesis of alkyd resins in the medium of solvents. Lakokras.
mat. i ikh prim. no.6:9-17 '61. (MIRA 15:3)
(Gums and resins)

UVAROVA, V. N.

"Physicochemical and Colloidal Properties of the Sol of Silver in the Filter Layer of Colored Film." Thesis for Degree of Cand. Chemical Sci Sub 30 Nov 50 All-Union Sciences Inst of Cinematography

Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva, Jan-Dec 1950

UVAROVA, V. M.

Distr: 4E2c

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The recrystallization process in silver halide nuclear emulsions. V. M. Uvarova, M. P. Rodicheva, and K. M. Romanovskaya. *Trudy Vsesoyuz. Nauch.-Issledovatel. Kinetizmat.* 1937, No. II, 17-20.—Results by some authors on the protective action of electrolytes and of lyophilic colloids were reviewed and the application of the same coagulation mechanism to the recrystn. of Ag halide in nuclear emulsions upon storage was discussed; electrolytes should have a major role in stabilizing the concd. nuclear emulsion which is poor in protective colloids. The recrystn. was studied of the Ag halide grains in emulsions contg. the following compds.: excess bromide, urea, methylhydroxy-triazalindolizine (I), urea plus I, Na₂CO₃, NH₄OH, and NaCNS, each one sep. added. Plots of the no. of recrystd. grains in 0.2 × 10⁻⁷ cc. against time for emulsions from Bvald and Kazan factories showed a stabilizing action by the excess bromide at pBr 2.5. Higher concns. of Br⁻ quickened recrystn. The degree of recrystn. in emulsions

contg. 0.063 mole I/kg. was twice that in emulsions contg. 0.0063 moles I/kg. when not stored and 20 times as high when stored for 20 days prior to the 2nd ripening. The rate of recrystn. in emulsions contg. more I was also remarkably higher than in emulsions with less I upon addn. of urea in concn. 0.35 moles/kg., 1.0 moles/kg., and 3.6 moles/kg. to each type of emulsion. The time of storage before the 2nd ripening had an influence on the recrystn.; after 20 days' storage of emulsions contg. 3.6 moles of urea/kg. the grains of Ag halide recrystd. fully in a short-duration 2nd ripening. The rate of recrystn. increased with increasing urea concn. in emulsions contg. little I. To 1 kg. of each of 2 electron-sensitive emulsions was added one of the following compds.: urea (0.2 mole), Na₂CO₃ (0.01 mole), NH₄OH (0.018 mole), and NaCNS (0.003 mole). The decrease of the free Ag ions within the emulsions was detd. by potentiometric methods; strong recrystn. of the unpeptized units was also observed by optical microscopy. The formation of protective films, the conditions of stability, the action of I in an acid medium, and the effect of the NH₂ groups of urea were examd. on the basis of the exptl. data.

S. Santoli

DUVAROVA, V. M., KRESTOVNIKOVA, T. I., MYLTSEVA, V. A. and ROMANOVSKAYA, K. M.
Sci. Res. Inst. Cinephotography. (NIKFI)

"Traitement des Emulsion 'Nikfi' Pour Recherches Nucleaires."

paper presented at the Second Intl. Colloguium on Corpuscular Photography.
Montreal, 21 Aug - 7 Sep 1958.

Encl: B-3,114,647.

VALI

OUVAROVA, V. M.

OUVAROVA, V. M. and MYLTSEVA, V. A.
Sci. Res. Inst. Cinematography.

"Recherches Sur Les Methodes D'amélioration des Propriétés Mécaniques des
Pellicules D'emulsions Nucleaires."

paper presented at the Second Intl. Colloquium on Corpuscular Photography.
Montreal, 21 Aug - 7 Sep 1958.

Encl: B-3,114,647.

UVA KOVA, V. M.

INDEX I BOOK EXPLANATION 507/1159

Andersky, M. S. K. *Kontaknye po mekhanoy fotografii i khirolografii*.
 Vyskhi mekhanoy fotografii, tom 7: Pirova fotograficheskoy khimicheskoy irosti.
 Ispolnitsya galatosenobryzhnaya fotograficheskaya sloyer.
 Otkrytiya senalibititsiya i disperzibilizatsiya. Khimiko-fotograficheskaya khimicheskaya svobodnykh sloyer (skhema of fotograficheskoy senalivitiy, preparation of halid-silver fotograficheskoy sloyer, optical scattering and hyper-sensitizing. Chemical-fotograficheskoy treatment of Panchromatic sloyer) Moscow, 1960. 260 p. Krasa slip inserted. 1,000 copies printed.

Editorial Board: K. V. Galvash (Chair, Ed.) Corresponding Member, Academy of Sciences USSR; V. I. Semenov (Chair, Ed.) Corresponding Member, Academy of Sciences, Deputy, Dr. B. Gombomuly, Doctor of Chemical Sciences, Professor, G. A. Itskan, Doctor of Technical Sciences, Professor, and I. I. Semenov, Candidate of Chemical Sciences; Ed. of Publishing House: K. I. Mikhlin; Ed. of Publishing House: G. A. Itskan.

PREFACE: This collection of articles is addressed to those working in theoretical and applied photography and chemography, and to researchers in the chemistry and physics of photographic processes.

CONTENTS: The collection contains articles from the editorial files of the Journal *Mezhenitnyy Zhurnal i Khimicheskoye Osvetleniye* in the problems in the preparation and processing of halid silver light-sensitive layers, the nature of photographic sensitivity, the preservability of photographic layers, the theory and technology of the preparation of photographic emulsions and optical sensitization, and finally, the chemical photographic processing of black-and-white photographic emulsions. Many of the articles contain the results of scientific experiments and calculations. The collection also includes several reviews of current topics in the theory of chemical-photographic processes. A bibliography of Soviet and non-Soviet references accompanies each article.

Yandriyev, E. I. Effect of Preparation and Processing Conditions of Photographic Layers on Deviation from the Law of Interchange 57

Makharin, Yu. A. Effect of Chemical Sensitization on the Sensitivity of Photographic Emulsions at Low Illumination Intensities 77

Prigodnyy, A. M., Yu. A. Kozlov, and P. I. Shchegolev. Role of Macropores in the Chemical Sensitization of Photographic Emulsions with Gold 87

Korotkiy, I. M., and S. G. Gerasimov. Investigation of Effect of Solium Sulfate on the Photographic Properties of Emulsions Sensitized with Gold 96

Korotkiy, I. M. Change in the Dispersion of Small Gold Particles in the Chemical Silver Process 103

Kulshammer, R. H., G. G. Gerasimov, and V. L. Zolotarev. Continuous Processes in the Synthesis of Photographic Emulsions 108

Muller, V. M., and V. M. Kozlov. Gelatin Concentration in the Silver Image 115

Zerby, S. M. Modern Concepts of Gelatin Structure 120

Vladimirov, A. M., and S. M. Perelomov. Attention Type Absorption in Photographic Catalysts 125

Korotkiy, I. M. System Concepts of the Radiologic Properties of Gelatin Emulsions and Photographic Emulsions 127

Dzhurav, I. M., and V. A. Vasilov. Search for Ways of Improving the Effectiveness of Photographic Processes of Photographic Layers for Nuclear Emulsion 130

Zolotarev, V. L. Methods of Tanning Photographic Emulsions 161

Loren, S. M. Effect of Wetting Agents in Mixtures and Dyeing Processes 170

P. I. Semenov, M. P. Elementary Composition of Nuclear Photographic Emulsion 175

KRESTOVNIKOVA, T. I., and UVAROVA, V. M.

"Some ideas about the hypersensitization mechanism of nuclear track emulsions"

Fourth International Colloquium on Photography (Corpuscular) - Munich, West
Germany, 3-8 Sep 62

KALINKINA (fnu), MYLTSEVA, V. A., SMIRNOV, and UVAROVA, V. M.

"Improvement of the properties of nuclear track emulsions through introducing surface active substances of the homologous series of sodium salts of the sulpho-succinic acid esters"

Fourth International Colloquium on Photography (Corpuscular) - Munich, West Germany, 3-8 Sep 62

UVAROVA, V. M., and KRESTOVNIKOVA, T. I.

"Research on various treatment procedures for BR NIFKI emulsions glued on glass"

Fourth International Colloquium on Photography (Corpuscular) - Munich, West Germany
3-8 Sep 62

BOGOMOLOV, K.S., red.; PERFILOV, N.A., red.; BELOVITSKIY, G.Ye., red.; DOBROSERDOVA, Ye.P., red.; ZHDANOV, G.B., red.; KARTUZHANSKIY, A.L., red.; LYUBOMILOV, S.I., red.; MINERVINA, Z.V., red.; RAZORENOVA, I.F., red.; ROMANOVSKAYA, K.M., red.; SAMOYLOVICH, D.M., red.; STARININ, K.V., red.; TRET'YAKOVA, M.I., red.; UVAROVA, V.M., red.; SHUR, L.I., red.; POPOVA, A.K., red.; VEPRIK, Ya.M., red.; VERES, L.F., red. izd-va; KUZNETSOVA, Ye.B., red. izd-va; POLYAKOVA, T.V., tekhn. red.

[Nuclear photography; transactions] IAdernaia fotografiia; trudy tret'ego Mezhdunarodnogo soveshchaniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 474 p. (MIRA 15:6)

1. Colloque International de Photographie Corpusculaire. 3d, Moscow, 1960. 2. Nauchno-issledovatel'skiy kinofotoinstitut, Moskva (for Bogomolov, Uvarova, Romanovskaya, Starinin). 3. Predsedatel' Organizatsionnogo komiteta Tret'yego Mezhdunarodnogo soveshchaniya po yadernoy fotografii. 1960, Moskva (for Bogomolov). 4. Zamestitel' predsedatelya Organizatsionnogo komiteta Tre'yego Mezhdunarodnogo soveshchaniya po yadernoy fotografii. 1960, Moskva (for Perfilov). 5. Radiyevyy institut im. V.G.Khlopina Akademii nauk, Leningrad (for Shur, Perfilov). 6. Institut sovetskoy trgovli im. F.Engel'sa (for Kartuzhanskiy). 7. Ob'yedinennyy institut yadernykh issledovaniy, Dubna (for Lyubomilov). 8. Institut atomnoy energii im. I.V.Kurchatova Akademii nauk SSSR, Moskva (for Samoylovich).

(Photography, Particle track)

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S/048/62/026/007/029/030
B117/B144

AUTHORS: Uvarova, V. M., Sukhodrev, N. K., Pankova, A. A.,
Shpol'skiy, M. R., and Kovanova, A. N.

TITLE: New photomaterial of the NIKFI for spectrum analyses in the
short-wave region of ultraviolet radiation

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26,
no. 7, 1962, 967-968

TEXT: This report given at the XIV Soveshchaniye po spektroskopii
(XIV Conference on Spectroscopy) deals with new films for vacuum ultra-
violet radiation. The PM-1L (RM-1L) film with highly sensitive emulsion
sensitized with luminophores had been developed by the NIKFI
(A. O. Kondakhchan) and the Shostkinskiy khimicheskiy zavod (Shostka
Chemical Plant). The УФ-НИКФИ (UF-NIKFI) film little sensitive to
visible light, with an emulsion consisting of highly concentrated silver
halide and small amounts of gelatin, was produced by a method (thin-layer
separation) developed by K. S. Bogomolov, M. Yu. Deberdeyev, A.A.Sirotinskiy
and members of the NIIKhIMMASH. The new films, especially UF-NIKFI

Card 1/2

New photomaterial of the NIKFI for...

S/048/62/026/007/029/030
B117/B144

have adequate photographic stability (8 months). Studies with a AIC-6 (DFS-6) vacuum spectrograph to determine the sensitivity of the new films showed that RM-1L and UF-NIKFI is suitable for regions of 3500-700 Å and 1500-200 Å, respectively. There are 3 figures. +

Card 2/2

UVAROVA, V.M.; SHPOL'SKIY, M.R.

Reciprocity law failure in the quartz ultraviolet region.
Zhur. nauch. i prikl. fot. i kin. 8 no.6:446-449 N-D '63.
(MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut
(NIKFI).

KRESTOVNIKOVA, T.I.; UVAROVA, V.M.

Analyzing the methods for the processing of BR type supportless emulsion layers glued to glass developed by the Scientific Research Institute of Motion Pictures and Photography. Zhur.nauch. i prikl.fot. i kin. 9 no.2:92-95 Mr-Ap '64. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI).

ACCESSION NR: AP4043038

S/0077/64/009/004/0286/0288

AUTHORS: Kalinkina, T. A.; Kovanova, A. N.; Pankova, A. A.; Sukhodrev, M. K.;
Uvarova, V. M.; Shpol'skiy, H. R.

TITLE: NIKFI photographic materials for the vacuum ultraviolet region of the
spectrum and their characteristics

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 9, no. 4,
1964, 286-288

TOPIC TAGS: ultraviolet photographic film, film characteristic, film sensitivity,
silver halide, / ISP 22 spectrograph, DFS 6 vacuum spectrograph

ABSTRACT: The solution of many problems has been hampered by the lack of photo-
graphic film sensitive to the vacuum ultraviolet (UV) spectrum ($\lambda < 2200 \text{ \AA}$) as a
consequence of strong absorption in the gelatin of the emulsion layer of existing
film. NIKFI developed five types of films sensitive to the far UV and soft x-ray
region by using a new method of preparing photographic emulsion with a high con-
centration of silver halide in which a large portion of the gelatin is replaced
by surface active substances. The five films differed in size of the AgHal micro-
crystals and had different sensitivities. The air-dried emulsion layer $\sim 10 \mu$

Card | 1/4

ACCESSION NR: AP4043038

thick was coated on a triacetate base and hardened so that water at temperatures up to 100C did not melt it. The photographic properties of the film (see Table 1 on the Enclosure) were measured in the visible, near UF region ($\lambda \sim 2300 \text{ \AA}$) and vacuum UF region ($2000 \text{ \AA} > \lambda > 200 \text{ \AA}$). The films UF-2 and UF-3 were developed for 8 minutes in developer D-19 at 20C and the other film developed similarly for 4-6 minutes. The standard method of sensitometric measurements was used for the visible region; for $\lambda = 2300 \text{ \AA}$ a mercury lamp in a ISP-22 spectrograph with a nine-stage attenuator was used. Characteristic curves (D versus $\log I_t$) were obtained for all films at $\lambda = 2300 \text{ \AA}$. Films UF-1, UF-2 and UF-3 have low visible sensitivity ideal for "hot" object work. The vacuum UF region was studied using a DFS-6 vacuum spectrograph with a low voltage vacuum spark between titanium electrodes as a light source. The relative spectral sensitivities of films UF-1, UF-2, and UF-3 were obtained at points over the range 200-3000 \AA and the contrast factor for these films for λ 200-800 \AA ranged from 0.7 to 1.0, while the other films had a smaller contrast. The storage properties were good and were maximized by storage in a polyethylene pack at 5-7C (e.g., UF-1 stored two years lost 40% of its sensitivity at $\lambda = 2300 \text{ \AA}$, had no hazing, and preserved its contrast). The preservation of the film was attributed to the high colloidal stability

Card

2/4

ACCESSION NR: AP4043038

of the AgHal microcrystals and the presence of colloidal stabilizers in the emulsion layer. Orig. art. has: 1 table and 2 figures.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI)
(All-Union Motion Picture and Photography Scientific Research Institute)

SUBMITTED: 08Oct63

ENCL: 01

SUB CODE: OP,ES

NO REF SOV: 002

OTHER: 000

Card

3/4

ACCESSION NR: AP4043038

ENCLOSURE: 01

| Sam- ple No. | Film type | Region of registra- tion of UF-radiation \AA | Average diameter of AgHal Micro- crystals μ | Characteristic properties | | | | |
|--------------------|--------------|---|--|---------------------------|-----------------------------------|----------|---------------------------------|----------|
| | | | | fog' density D_0 | For visible region of spectrum | | For $\lambda = 2300 \text{\AA}$ | |
| | | | | | $S_{0.2}$ GOST units | γ | S, rela- tive units | γ |
| 1 | UF-1 | <3500 | 0.35 | 0.06 | 5 | 4 | 2.5 | 1 |
| 2 | UF-2 | <2200 | 0.29 | 0.04 | 0.5 | 4 | 0.25 | 1.2 |
| 3 | UF-3 | <1500 | 0.18 | 0.04 | 0.8 | 2.4 | 0.08 | 0.9 |
| 4 | UFSh-1 | 3500-2000 | 1.16 | 0.09 | 50 | 2 | 8.0 | 0.9 |
| 5 | UFSh-2 | <3500 | 1.16 | 0.11 | 50 | 3.6 | 8.0 | 1.2 |

Table 1 GOST is All-Union State Standard.

Card 4 / 4

L 3150-66 EWT(1)/T/EED(e)-3 IJP(c)

ACCESSION NR: AP5016054

UR/0368/65/002/005/0475/0478

771.533

AUTHORS: Kalinkina, T. A.; Oshurkova, A. N.; Pankova, A. A.;
Uvarova, V. M.; Ghistova, G. I.; Shpol'skiy, M. R.

TITLE: NIKFI photographic materials for spectral analysis in the
ultraviolet region of the spectrum

SOURCE: Zhurnal prikladnoy spektroskopii, v. 2, no. 5, 1965, 475-478

TOPIC TAGS: uv spectroscopy, uv photography, photographic material,
photographic emulsion

ABSTRACT: The authors describe briefly the assortment of photographic
materials developed for the registration of the ultraviolet region
of the spectrum. The spectral sensitivity of the materials and the
dependence of the contrast of the emulsions on the wavelength of the
applied radiation is reported. It is shown that emulsions having a
high content of silver halide exhibit an increase in the absolute
sensitivity of the layers in the ultraviolet region of the spectrum

Card 1/2