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Indamine Dyes Derived From the Anilide of 1-Hydroxy-
2-Naphthoic Acid, by N. F. Turitsina, B. S. Portnaya,
N. S. Spasolukotsky, T. P. Bobkova, G. I. Arbutov,
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Containing Substituents in the Naphthalene Nucleus, by
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T. P. Bobkova, G. I. Arbuzov, I. I. Levkoyev, 8 pp.

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Steel, by M. P. Arbutov, L. I. Lysak, Ye. O.
Rostovskoye

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Endurance of Animals, by S. Y. Arbuzov, A. M.
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Bikolobov, 8 pp.

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JPRS 11077

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PÉRIPHÉRIQUE (Effects of Phenatine on Recovery
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Order from OTS, ETC or CNRS \$1.10 TT-62-28878

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(USSR) 1953, v.16, no.5, p.13-16.

DESCRIPTORS: *Nervous system, Pharmacology,
Therapy.

1. Title: Phenatine
- I. Arbuzov, S. Ya.
- II. CNRS-XXI 269
- III. Centre National de la
Recherche Scientifique,
Paris

(Biological Sciences--Pharmacology, TT, v. 11, no. 7)

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ACTION DE LA PHENATINE ET DE CERTAINS DE
SES DERIVES SUR L'HEMATOPOIESE (Action of
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9p. Srefs. CNRS-XXI 270.
Order from OTS, ETC or CNRS \$1.10 TT-62-28874

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1956, v.2, no.2, p.163-166.

DESCRIPTORS: *Hematology, Pharmacology, Therapy,
*Blood disorders.

(Biological Sciences--Pharmacology, TT, v. 11, no. 7)

TT-62-28874

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la Recherche
Scientifique, Paris

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pp 585-594.

ATS RJ-4173

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Investigations on Tetracyclines. VII, Routes to
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Shemyakin, M. N. Kolosov, Yu. A. Arbuzov, 10 pp.

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pp 545-556.

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May 61

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Arbuzov, Yu. A., Zelinskii, N. D., and Shaikin, N. I.
OXIDATION OF CYCLOHEXENE WITH SELENIOUS
ACID: A NEW METHOD OF PREPARATION OF 1,3-
CYCLOHEXADIENE. [1961] 4p. 16 refs.
Order from OTS or SLA \$1.10

61-18221

Condensed trans. of Akademiyu Nauk SSSR. Otdelenie
Khimicheskikh Nauk. Izvestiya, 1945, p. 163-166.

DESCRIPTORS: *Cyclohexenes, Oxidation, cyclohexa-
dienes, Synthesis, Acetates, Selenious ac-

Conditions were determined under which most
preparation of 1,3-cyclohexadiene, the acetate of cy-
clohexen-3-ol and the diacetate of cyclohexen-3-ol
reported in the literature can be improved and high
yields of these products obtained.

(Chemistry--Organic, TT, v. 6, no. 9)

61-18221

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II. Zelinskii, N. D.
III. Shaikin, N. I.
IV. Title: New ...

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Investigations on Tetracyclines. VI. Carboxamidation
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Yu. A. Arhuzov, M. N. Kolosov, 3 pp.

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Preparation of 1-Methoxy-4-penten-3-one and Its U
in Dienic Synthesis, by Yu. A. Arbuzov, K. V. *Sci*
Vatsuro, Yu. P. Volkov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9,
1959, pp 2857-2860.

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Arbuzov, Yu. A. and Zelinskii, N. D.
ISOMERIZATION OF CYCLOHEXENE AND 1-HEP-
TENE IN THE PRESENCE OF OXIDES OF METALS.
[1961] 1p. 6 refs.

Order from OTS or SLA \$1.10

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Trans. of [Akademiya Nauk SSSR]. Comptes Rendus
(Doklady) de l'Academie des Sciences de l'U. R. S. S.,
1941, v. 30, no. 8, p. 717-720.

DESCRIPTORS: *Cyclohexenes, *Heptenes, Isomeric
transitions, Metals, Beryllium compounds, Oxides,
Titanium compounds, Dioxides, Catalysts, Catalysis,
Dehydrogenation.

Similarly to silica and alumina, beryllium oxide cata-
lyzes isomerization of cyclohexene to methylcyclopent-
ene. Titanium dioxide also promotes this isomeriza-
tion; in addition, it brings about a dehydrogenation of
(Chemistry--Organic, TT, v. 6, no. 10) (over)

61-18330

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Intermediate Stages in the Synthesis of
Tetracyclines, by M. M. Shemyakin, M. N.
Kolosov, Yu. A. Arbuzov, Hsieh Yu Yuan,
Sheng Hui Yu, K. A. Sklobovskiy, M. G.
Karapetyan, A. I. Gurevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~CXXIX~~ CXXVIII,
No 1, 1959, pp 113-116.

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The Diene Synthesis with 1-Methylcyclopent-4-ene-3-one and
Penta-1, 4-Dien-3-One

By Yu. A. Arbuzov, E. M. Klyay pp. 6

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,
1962, pp. 3681 - 3686

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Investigations in the Field of the Tetracyclines. V.
Study of Methods of Synthesizing the Tricyclic System
DCB of Tetracyclines, by M. M. Shemyakin, M. N. Kolosov,
Yu. A. Arbusov, M. G. Karapetyan, E. S. Chanan, A. A.
Onishchenko, 11 pp

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Addition of Buta-1,3-diene to Nitrosobenzene.
Communication 1. by Yu. A. Arbuzov, 7 pp.

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No 2, Mar-Apr 1952, pp 344-352.

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Interaction of Potassium Acetate With
 β -Chloroketones. Addition of Carboxylic Acids
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Volkov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10,
1959, pp 3279-3285.

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Compounds. Addition of 1,3-Butadiene to Nitrosobenzene.
Communication 2, by Yu. A. Arbuzov, 7 pp.

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No 3, May/June 1952, pp 547-555.

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CONTACT ISOMERIZATION OF CYCLOHEXENE.
[1961] 5p. 12 refs.
Order from OTS or SLA \$1.10 61-18895

Trans. of Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk. Izvestiya, 1945, p. 665-668.

DESCRIPTORS: *Cyclohexenes, Isomeric transitions, *Beryllium compounds, *Oxides, Catalysts, Catalysts, Raman spectroscopy.

Contact isomerization of cyclohexene under the action of beryllium oxide was studied at 400°. A Raman spectroscopical study of the reaction products showed them to consist of 1-methyl-1-cyclopentene, 3-methyl-1-cyclopentene, methyl-cyclopentane and unchanged cyclohexene, the first of the above-mentioned compounds. (Chemistry--Organic, TT, v. 6, no. 10) (over)

I. Arbuzov, Yu. A.
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Synthesis of 3-Hydroxypyrrolidines and 3-Hydroxythiophane, by Yu. A. Arbuzov, Yu. A. Ovchinikov, 2 pp.

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Addition of Buta-1,3-diene to p-Nitrosotoluene, by, Y
Yu. A. Arbuzov. 6 pp. UNCLASSIFIED.

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RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 1, 1957, pp 71-73.

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Bel - Chem

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The Reaction of Diene Hydrocarbons With Nitro
Compounds: The Addition of Butadiene-1,3 on
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Vol IX, No 6, 1948, pp 993-996.

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Compounds: 2-p-tolyl-3, 6-Dihydrofurothiazine,
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RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXVIII,
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Diene Synthesis With Chloromethyl Vinyl Ketone, by
Yu. A. Arbuzov, B. I. Diatkin, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CXI,
No 6, Nov/Dec 1956, pp 1249-1251.

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Synthesis of 1-Aryl-3-hydroxypyrrolidines, by Yu. A.
Arbuzov, L. I. Khmel'nitsky. UNCLASSIFIED.

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1952, ~~XXXXX~~.

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