

Synthesis and Transformations of Organosilicon
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by M. F. Shostakovskiy, I. A. Shikhyev, 2 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Otdel Khim
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RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 12, 1954, pp 2202-2206. CIA 542762 C, reel 3.

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Ionic Polymerization of Vinyl Aryl Ethers, by A. V.
Bogdanova, M. F. Shostakovsky, 8 pp.

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Synthesis and Some Properties of Trialkyl- and
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HTC 69-15404-07C

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CIA D 151103

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M. F. Shostakovskiy, N. A. Gershtein, Ya. L. Raskin,
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RUSSIAN, no per, Zhur Prik Khim, Vol XXV, No 1, USSR, Jan 1952, pp 102-104.

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THE VINYLATION OF ETHYLENE GLYCOL. [1961]
4p.

Order from ATS \$6.25

ATS-30N57R

Trans. of Akademiya Nauk SSSR. Institut Organi-
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DESCRIPTORS: *Vinyl radicals, *Ethylenes, Glycols.

(Chemistry--Organic, TT, v. 7, no. 10)

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- II. Tyupaev, P. V.
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M. G. Zelenskaya. 4 pp. UNCLASSIFIED.

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1952, v. 2, p. 39-43.

DESCRIPTORS: *Vinyl radicals, *Ethylenes, Glycols.

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Synthesis and Properties of Methyl Vinyl Ether, by M. F. Shostakovskiy, P. V. Tyupakov, 8 pp.

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The Hydrolysis of Vinyl Phenyl Ether, M. F.
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Vol 21, Apr 1951

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Ecological Properties of Vinylalkyl Ether
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Scientific - Chemistry, ethers, transformations

A 11004

The Conversions of Vinyl Ethers. VI. The Chemical
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Scientific - Chemistry, acetals

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Synthesis of Guaiacol Vinyl Ether and Investigation
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V. P. Shishkov, M. G. Zelenskaya, 9 pp.

Full translation.

RUSSIAN, per, Zhur Prii Khim, Vol XXIV, No 11,
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Scientific - Chemistry, alk ether, properties

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The Theoretical Principles of the Chemistry of Vinyl
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Zhur Obshch Khim, Vol XX, No 4, 1950 (Apr), pp 643-
654 CIA D 182335

Consultants Bureau Translation

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SHOSTAKOVSKY, M. F., SIDELKOVSKAYA, F. P., Lab of
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The Action of Inorganic Bases upon α , β , Dichloro-
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Zhur Obshch Khim, Vol XX, No 4, 1950 (Apr), pp 655-
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RUSSIAN, no per, Zhur Obshch Khim, Vol XX, No 7,
Jul 1950, p 1326.

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Investigation in the Domain of the Synthesis and Transformation of o-Halogenethyl Alkyl Ethers.
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m. f. Shostakovskii

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AMC F-TS-6972-RE

FLT: O Reaktsii Vinilirovaniya Glitserina

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A-3527

Transformation of Simple Vinyl Ethers. III.
Interaction of Simple Vinyl Ethers and Organic Acids.
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33 refs.

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Trans. of Zhurnal Obshchei Khimii (USSR) 1946,
v. 16, p. 937-950.

DESCRIPTORS: *Acetals, Synthesis, *Ethers, Vinyl
radicals, Chemical reactions, Catalysts.

A very simple catalytic method of preparation of
acetals from alcohols and vinyl ethers was developed,
giving good yields. In the presence of mineral acids
this reaction involves intermediate formation of an
oxonium complex. In the course of the synthesis of
acetals some of their conversions were determined,
particularly isomerization and decomposition, the
study of which is being continued. (Author)

61-20125

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III. Title: Synthesis...

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DESCRIPTORS: *Ethers, *Vinyl radicals, Antiknock,
*Gasoline.

Antiknock properties of vinyl ethers increase with
passing from higher alkyls to lower and are also
higher for vinyl ethers containing a branched-chain
alkyl. Vinyl phenyl ether was found to possess higher
antiknock properties than any of the other vinyl ethers
investigated. It raised the octane number of straight-
run gasoline E-69 more effectively than isooctane,
isopropyl ether or benzene. (Author)
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DESCRIPTORS: *Vinyl radicals, *Butyl radicals,
Propyl radicals, *Ethers, Polymerization, *Catalysts,
*Tin compounds, Chlorides, Density, Refractive
index, Viscosity, Saponification, *Polyvinyl alcohol.

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DESCRIPTORS: *Vinyl radicals, *Butyl radicals,
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