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(DC-2600)

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Order from OTS, SLA, or ETC $2.60 TT-63-19549

Trans. of [Sibirskii Matematicheskii Zhurnal] (USSR) 1962, v. 3, no. 5, p. 768-796.

DESCRIPTORS: *Integration, Spheres, Volume, Surfaces, Functional analysis, Topology, Special functions (Mathematical).

(Mathematics, TT, v. 11, no. 5)

TT-63-19549

I. Sobolov, S. L.

Office of Technical Services

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[illegible], [illegible], [illegible], No 11, Jul 1965,
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240039-7

Soborovskii, L.A., Zinov'ev, Yu.M. and Englin, M.A. FORMATION DE LA LIAISON PHOSPHORE-CARBONE DANS LA RÉACTION ENTRE LES HYDROCARBURES, LE TRICHLORURE DE PHOSPHORE ET L'OXYGÈNE (Obrazovanie Fosfor-Uglerodnoi Soyazi v Soprazhennoi Reaktsii Uglevodorov, Trekhkhloristogo Fosfora i Kisloroda) (Formation of Phosphorus-Carbon Linkage in the Conjugated Reaction of Hydrocarbons, Phosphorus Trichloride and Oxygen). 10p. (Foreign text included) 3refs. CNRS-VIII bis 540.
Order from OTS, ETC or CNRS $0.80 TT-62-28306

Trans. in French of Akademiya Nauk SSSR. Doklady, 1949, v.67, no.2, p.293-295.
A translation in English is available from LC or SLA mi$1.80, p $1.80 as 59-10558, and from SLA as RT-1089, 7p.

DESCRIPTORS: Hydrocarbons, Phosphorus compounds, Chlorides, Oxygen, *Phosphorus, *Carbon, Atom, *Chemical bonds, Chemical reactions.

(Chemistry--Organic, TT, v. 11, no. 6)

TT-62-28306

I. Soborovskii, L.A.
II. Zinov'ev, Yu.M.
III. Englin, M.A.
IV. CNRS-VIII bis 540
V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201240039-7

Soborovskii, L.Z., Zinov'ev, Yu.M. and Englin, M.A.
OBTENTION DES COMPOSÉS PHOSPHORO ORGANIQUES PAR LA RÉACTION DU TRICHLORURE DE PHOSPHORE ET DE L'OXYGÈNE SUR LES HYDROCARBURES, LEURS DÉRIVÉS CHLORÉS ET LES ÉTHERS SIMPLES (Poluchenie Fosfororganicheskikh Soedinenii Pri Reaktsii Trekhkhloristogo Fosfora i Kisloroda s Uglevodorodami, ikh Khlorproizvodnymi i s Prostymi Efirami) (Preparation of Phospho-organic Compounds by a Reaction of Phosphorus Trichloride and Oxygen with Hydrocarbons and Their Halogen Derivates and with Ethers) 14p. (Foreign text included) 3refs. CNRS-VIII bis 547 Order from OTS, ETC or CNRS $0.80 TT-62-28277

Trans. in French of Akademiya Nauk SSSR. Doklady, 1950, v.73, no.2, p.333-336.
A translation in Dutch is available from OTS or ETC $1.55 as 61-17076.

DESCRIPTORS: Chemical reactions, Oxygen, *Phosphorus compounds, Chlorides, *Organic compounds, Synthesis (Chemistry), Ethers
(Chemistry--Organic, TT, v. 11, no. 6)

TT-62-28277

I. Soborovskii, L.Z.
II. Zignov'ev, Yu.M.
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IV. CNRS-VIII bis 547
V. Centre National de la Recherche Scientifique, Paris

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Soborovskiy, L. Z., Gololobov, Yu. G., and Fedotova, V. V.
REACTION OF COMPOUNDS OF TRIVALENT PHOSPHORUS WITH HALOGENATED ACYL HALIDES. I. REACTION OF TRIALKYL PHOSPHITES WITH TRICHLOROACETYL CHLORIDE. [1960] 6p.
Order from ATS $7.50 ATS-21N48R

Trans. of Zhur[nal] Obshchey Khim[ii] (USSR) 1960, v. 30, no. 8, p. 2586-2590.

ATS-PD-3264

(Chemistry--Physical, TT, v. 5, no. 8)

61-12778

1. Phosphorus compounds--Chemical reactions
2. Halides--Chemical reactions
I. Soborovskiy, L. Z.
II. Gololobov, Yu. G.
III. Fedotova, V. V.
IV. Title: Reaction...
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Synthesis of Organophosphorus Compounds From Hydrocarbons and Their Derivatives. XI. Oxidative Chlorophosphination of Nitriles, by R. I. Bystrova, Yu. M. Zinov'yev, L. Z. Soborovskiy, 4 pp

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Synthesis of Organophosphorus Compounds From Hydrocarbons and Their Derivatives. XII. Oxidative Phosphochlorination of Halogenated Alkanes, by Yu. M. Zinov'yev, L. Z. Soborovskiy, 3 pp.

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ATS-81L35R

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ATS RJ-2140

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Organic [illegible] Compounds. [illegible]. Properties of Haloalkene-, Alkene- and Haloalkenetolfonyl Fluorides, by B. H. Gladshtein, V. [illegible] M. I. Kiselova, L. F. Soborovskiy, [illegible] pp.

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Allyl Esters of Some Alkane-, Alkene- and Chloroalkanephosphinic Acids, by L. Z. Soborovskiy, Yu. M. Zinovyev, 2 pp.

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Synthesis and Properties of Alkyldifluorophosphines, by V. N. Kulakova, Yu. M. Zinovyev, L. Z. Soborovskiy, 3 ZP.

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Synthesis of Organophosphorus Compounds from Hydrocarbons and Their Derivatives. X. Oxidative Chlorophosphination of Certain Ethylene Derivatives, by L. Z. Soborovskiy, Yu. M. Zinov'yev, T. G. Spiridonova, 3 pp.

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Difluorochloromethane as a Difluoromethylating Agent. II. Reaction of Difluorochloromethane with Sodium Dialkylphosphites, by L. Z. Soborovskiy, M. F. Salina, 3 pp.

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Synthesis of Organophosphorus Compounds from Hydrocarbons and Their Derivatives. IX. Oxidative Chlorophosphonation of 1-Butene, 2-Butene and Cyclohexene, by Yu. M. Zinov'ev, L. Z. Soborovskiy, 4 pp.

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Soborovskii, L. Z. and Zinov'ev, Yu. M.
SYNTHESE DES COMPOSÉS PHOSPHOROORGANIQUES À PARTIR DES HYDROCARBURES ET DE LEURS DÉRIVES. IV. FORMATION DES DÉRIVES D'ACIDES DIALKYLPHOSPHINIQUES À PARTIR DES ALKYLDICHLORPHOSPHINES, DES HYDROCARBURES ET DE L'OXYGÈNE (Sintez Fosfororganicheskikh soedinenii iz Uglevodorodov i ikh Proizvodnykh. IV.) (Synthesis of Organophosphorus Compounds from Hydrocarbons and Their Derivates. IV.), 13p. (Foreign text included) 7refs. CNRS-VIII bis 529.
Order from ETC for CNRS TT-62-28303
Trans. in French of #Zhurnal Obshchei Khimii (USSR), 1954, v.24, no.3, p.516-519.

DESCRIPTORS: Synthesis, *Phosphines, Alkyl radicals, Acids, Chlorides, Hydrocarbons, Oxygen.

(Chemistry--Organic, TT, v. 11, no. 7)

TT-62-28303

I. Soborovskii, L. Z.
II. Zinov'ev, Yu. M.
III. CNRS-VIII bis 529
IV. Centre National de la Recherche Scientifique, Paris

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Synthesis of Vinyl Monomers. I. α-Substituted Derivatives of Vinylphosphonic Acid, by A. Ya. Yakubovich, L. Z. Soborovskiy, L. I. Zailer, V. S. Fayermark, 3 pp.

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Studies of Organic Sulfur Compounds. I. The Synthesis of Alkanesulfonyl Fluorides and Their Halogen Derivatives, by L. Z. Soborovskiy, S. M. Gladshtein, M. I. Kiseleva, V. N. Chernetskiy, 4 pp.

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Studies of Organic Sulfur Compounds. II. The Synthesis of Alkanesulfonyl Fluroides and Their Halogen Derivatives, by L. Z. Soborovskiy, B. M. Gladshtein, V. N. Chernetskiy, M. I. Kiseleva, 4 pp.

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Synthesis of Organophosphorus Compounds From Hydrocarbons and Their Derivatives. VII. Oxidative Chlorophosphonation by Means of Alkyl and Dialkylamidophosphorodichloridites, by Yu. M. Zinov'ev, V. N. Kulakova, L. Z. Soborovskiy, 3 pp.

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