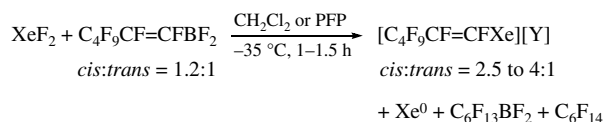


CONTENTS

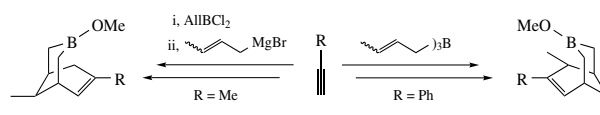
- 137 **Distinct reactivities of *cis*- and *trans*-R_FCF=CFBF₂ towards XeF₂ and the first synthesis of a [*trans*-R_FCF=CFXe]⁺ salt**



Hermann-Josef Frohn, Vadim V. Bardin

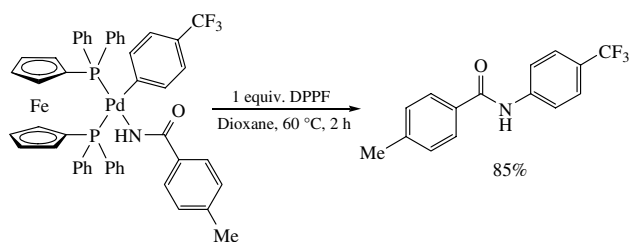
$$Y = \text{BF}_4, \text{C}_6\text{F}_{13}\text{BF}_3$$

- 139 **Stereoselectivity of allylboron–acetylene
condensation with crotylic boranes: synthesis
of 4-methyl-1-boraadamantane derivatives**



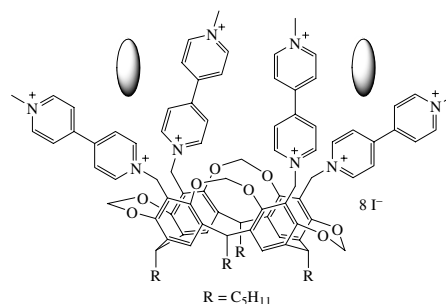
Sergey Yu. Erdyakov, Sergey V. Stefanyuk,
Anatolii V. Ignatenko, Mikhail E. Gurskii,
Yurii N. Bubnov

- 142 Arylamidate palladium complexes containing
deprotonated phthalimide and *p*-methylbenzamide:
possibility of their participation in reductive
elimination



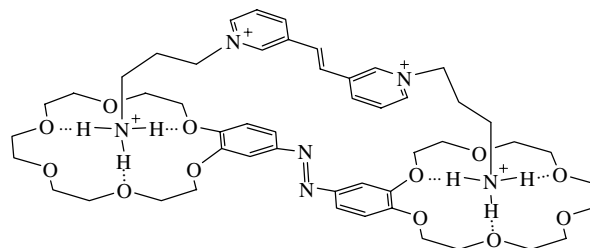
Alexey G. Sergeev, Galina A. Artamkina,
Viktor N. Khrustalev, Mikhail Yu. Antipin,
Irina P. Beletskaya

- 145 **Water-soluble tetra(methylviologen)calix[4]-
resorcinarene: host-guest properties toward
aromatic compounds**



Albina Yu. Ziganshina, Sergey V. Kharlamov,
Ella Kh. Kazakova, Shamil K. Latypov,
Alexander I. Kononov

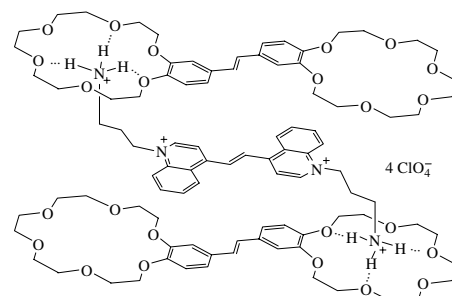
- 148 **Stacking structures of complexes between
bis(crown)azobenzene and a dipyridylethylene
derivative in a crystal and in solution**



Artem I. Vedernikov, Lyudmila G. Kuz'mina,
Asya A. Botsmanova, Yuri A. Strelenko,
Judith A. K. Howard, Mikhail V. Alfimov,
Sergei P. Gromov

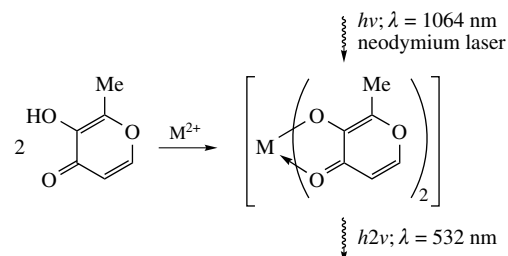
151 **Unusual three-decker structure of a D–A–D complex between bis(crown)stilbene and a di(quinolyl)ethylene derivative**

Artem I. Vedernikov, Lyudmila G. Kuz'mina, Natalia A. Lobova, Evgeny N. Ushakov, Judith A. K. Howard, Mikhail V. Alfimov, Sergei P. Gromov



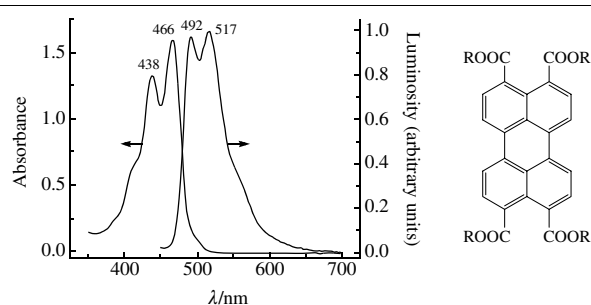
154 **Nonlinear-optical bis(3-hydroxy-2-methyl-4*H*-pyran-4-onato) complexes of metals**

Boris G. Sukhov, Svetlana A. Mukha, Irina A. Antipova, Svetlana A. Medvedeva, Lyudmila I. Larina, Yuliya A. Grigorieva, Anatolii I. Illarionov, Anton A. Starchenko, Fedor Yu. Chuvashov, Boris A. Trofimov



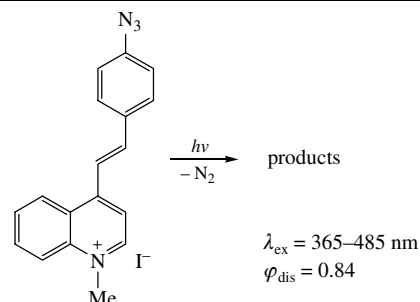
156 **Highly soluble perylene dye: tetrabenzyl 3,4,9,10-perylenetetracarboxylate**

Julia Yu. Mayorova, Pavel A. Troshin, Alexander S. Peregodov, Svetlana M. Peregodova, Mikhail G. Kaplunov, Rimma N. Lyubovskaya



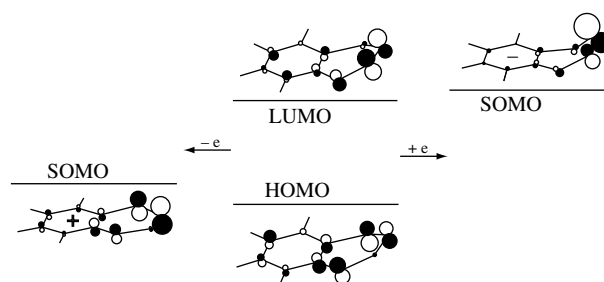
159 **Azido derivative of a hemicyanine dye with high sensitivity to visible light**

Mikhail F. Budyka, Natalya V. Biktimirova, Tatyana N. Gavrishova, Viacheslav I. Kozlovskii



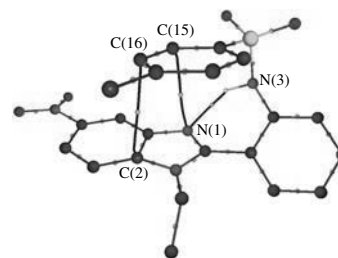
161 **Redox properties and radical ions of 1,3λ⁴δ²,2,4-benzodithiadiazines in the hydrocarbon and fluorocarbon series**

Nadezhda V. Vasilieva, Irina G. Irtegova, Nina P. Gritsan, Leonid A. Shundrin, Anton V. Lonchakov, Alexander Yu. Makarov, Andrey V. Zibarev



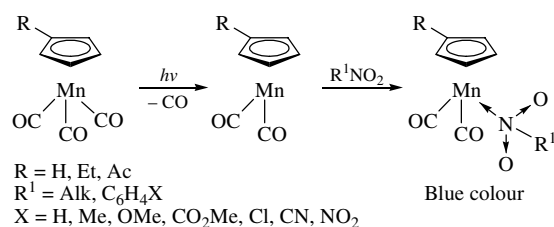
164 **Interplay of the intramolecular N–H···N bond and π-stacking interaction in 2-(2'-tosylaminophenyl)-benzimidazoles**

Konstantin A. Lyssenko, Alexandra O. Borissova, Anatolii S. Burlov, Igor S. Vasilchenko, Alexander D. Garnovskii, Vladimir I. Minkin, Mikhail Yu. Antipin



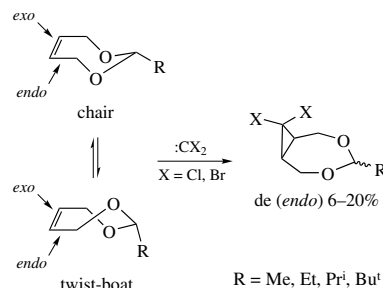
167 **Selective photodetection of nitro compounds
via cophotolysis with cymantrene**

Viktor A. Nefedov, Marina V. Polyakova, Jeff Rorer,
Alexander G. Sabelnikov, Konstantin A. Kochetkov



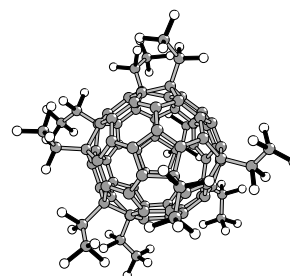
170 **Facial selectivity in the reaction of dihalocarbenes
with 2-substituted 4,7-dihydro-1,3-dioxepines**

Vitaly Yu. Fedorenko, Rustam N. Baryshnikov,
Rusalia M. Vafina, Yurii G. Shtyrlin,
Evgenii N. Klimovitskii



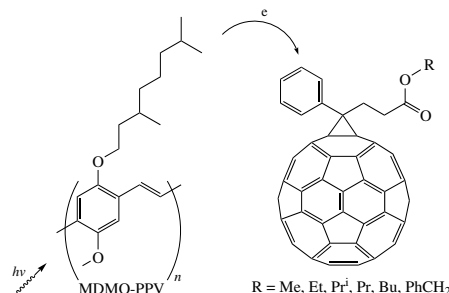
172 **Synthesis and molecular structure of seven isomers
of C₇₀(C₂F₅)₁₀**

Nadezhda B. Tamm, Sergey I. Troyanov



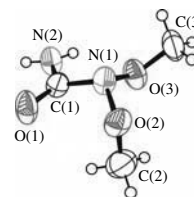
175 **Synthesis and investigation of fullerene-based
acceptor materials**

Julia Yu. Mayorova, Sergei L. Nikitenko,
Pavel A. Troshin, Svetlana M. Peregudova,
Alexander S. Peregudov, Mikhail G. Kaplunov,
Rimma N. Lyubovskaya



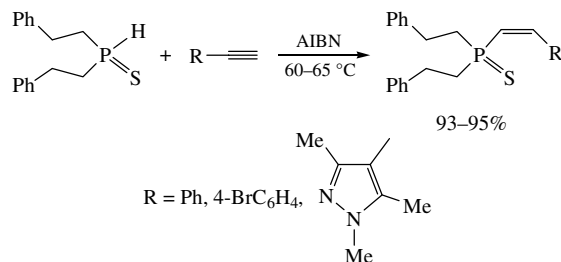
178 **Synthesis, structure and properties of
N-alkoxy-N-(1-pyridinium)urea salts,
N-alkoxy-N-acyloxyureas and N,N-dialkoxyureas**

Vasiliy G. Shtamburg, Oleg V. Shishkin,
Roman I. Zubatyuk, Svetlana V. Kravchenko,
Alexander V. Tsygankov, Victor V. Shtamburg,
Vitaliy B. Distanov, Remir G. Kostyanovsky



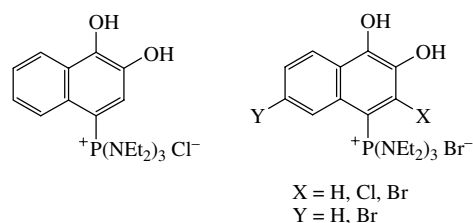
181 **Free-radical addition of phosphine sulfides
to aryl and hetaryl acetylenes: unprecedented
stereoselectivity**

Boris A. Trofimov, Svetlana F. Malysheva,
Nina K. Gusarova, Nataliya A. Belogorlova,
Sergei F. Vasilevsky, Vladimir B. Kobychyev,
Boris G. Sukhov, Igor A. Ushakov



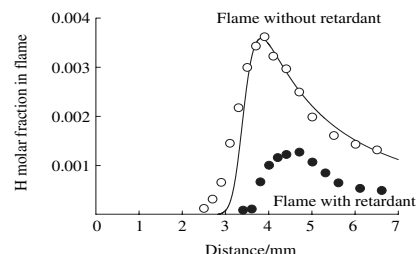
- 183 **Formation of (1,2-dihydroxynaphth-4-yl)-[tris(diethylamino)]phosphonium bromides in the reaction of 1,2-naphthoquinones with tris(diethylamino)phosphine**

Andrey V. Bogdanov, Vladimir F. Mironov,
Nadezhda R. Khasiyatullina, Dmitry B. Krivolapov,
Igor A. Litvinov, Alexander I. Kononov



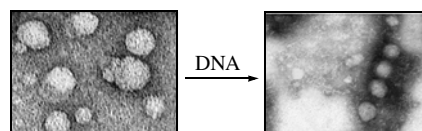
- 186 **On the mechanism of action of phosphorus-containing retardants**

Andrey G. Shmakov, Vladimir M. Shvartsberg,
Oleg P. Korobeinichev, Mark W. Beach, Terry I. Hu,
Ted A. Morgan

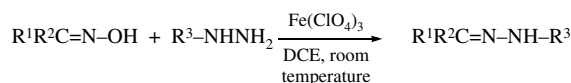


- 188 **Self-organising aggregates of lipopeptides in an aqueous medium and their complexes with DNA**

Yurii L. Sebyakin, Ul'yana A. Budanova,
Lyudmila Yu. Gur'eva



- 190 **Mild and efficient conversion of oximes into arylhydrazones catalysed by ferric perchlorate**



Hossien A. Oskooie, Majid M. Heravi, Akbar Sadnia,
Mehrak Safarzaghegan, Farahnaz K. Behbahani

- 192 **Facile synthesis of substituted 1*H*-pyrazolo[3,4-*b*]-pyridines**

Galina P. Sagitullina, Ludmila A. Lisitskaya,
Marina A. Vorontsova, Reva S. Sagitullin

