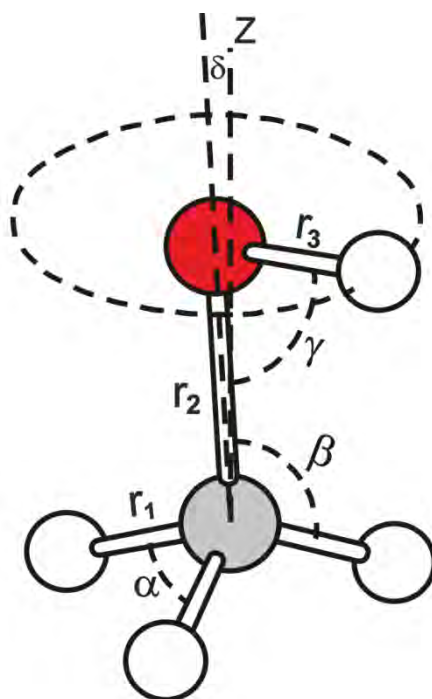


GEDIS Letter

Gas Electron Diffraction Information Service



Natalja Vogt
with assistance of Jürgen Vogt

Chemieinformationssysteme
Universität Ulm
D-89069 Ulm, Germany

Natalja.Vogt@uni-ulm.de

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Ivanovo GED group

Prof. Dr. Georgiy V, Girichev

Prof. Nina I. Giricheva

Prof. Dr. N.V. Belova
Prof. Dr. S.A.Shlykov
Dr. Alexander V. Krasnov
Dr. Valeria V. Tyunina
Dr. Elena A. Lapykina
Dr. Vyacheslav M. Petrov
Dr. Valentina N. Petrova
Dr. Sci. Valery V. Sliznev
Dr. Sci. Natalia V. Tverdova
Dr. Yuriy A. Zhabanov
Dr. Mikhail S. Fedorov
Dr. Oleg A. Pimenov
Dr. Alexander E. Pogonin
Dr. Angelika A. Petrova
PhD Stud. Emin Pirsaatov
PhD Stud. Arseniy A. Otlyotov
PhD Stud. Iliia Kuzmin
PhD Stud. Kseniya E. Bubnova (Shpilevaya)
PhD Stud. Lyubov' E. Kuzmina
PhD Stud. Ivan Yu. Kurochkin
Sheremetevskiy av. 7
153000 Ivanovo, Russia

Telephone: (+7) (4932) 359874

Telefax: (+7) (4932) 417995

E-Mail: girichev@isuct.ru

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Br₃Y YBr ₃	Yttrium tribromide Structure by QC calculations <i>L. E. Khaustova and S. A. Shlykov</i> Finished
C₄H₁₄OSi₃	1-Methoxy-1,3,5-trisilacyclohexane Structure by GED/MS and QC <i>L. E. Kuzmina and S.A. Shlykov</i> QC calculations in progress
C₄H₁₄Si₃	1-Methyl-1,3,5-trisilacyclohexane Structure by QC calculations <i>S. A. Shlykov et al.</i> QC calculations in progress
C₅H₄N₂O₃	4-Nitropyridine-N-oxide Structure by GED/MS and QC <i>N. V. Belova, O. A. Pimenov, G. V. Girichev, V. E. Kotova, and G. V. Girichev</i> submitted
C₅H₁₇NSi₃	N,N-Dimethylamino-1,3,5-trisilacyclohexane Structure by GED/MS, IR and QC <i>Tran Dinh Phien, L. E. Kuzmina, I. Arnason, N. R. Jonsdottir, and S. A. Shlykov</i> Manuscript prepared to be submitted
C₇H₁₇NSi	1-Dimethylamino-1-silacyclohexane Structure by GED/MS and QC calculations <i>L. E. Kuzmina, I. Arnason, S. Ó. Wallevik, N. I. Giricheva, G. V. Girichev, and S. A. Shlykov</i>

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	J.Mol.Struct.1176 (2019) 275-282
C₈H₆N₂O₂	3-Aminophthalimide Structure by GED/MS and QC <i>D. S. Savelyev, M. K. Islyaikin, N. I. Giricheva, N.Yu. Vogt, J. Vogt, and G. V. Girichev</i> Manuscript in preparation
C₁₀H₁₈Si₂ Me₃Si-C≡C-C≡C-SiMe₃	1,4-Bis(trimethylsilyl)-1,3-butadiyne Structure by GED/MS and QC <i>A. A. Otlyotov, Yu. V. Vishnevskiy, J.-H. Lamm, H.-G. Stammler, N. W. Mitzel, and G. V. Girichev</i> Manuscript in preparation
C₁₁H₁₂N₂O₂	L-Tryptophan Structure by GED/MS and QC <i>V. V. Tyunina, N. I. Giricheva, and G. V. Girichev</i> Submitted
C₁₁H₁₆OSi	1-Hydroxy-1-phenyl-1-silacyclohexane Structure by GED/MS and QC <i>Tran Dinh Phien, L. E. Kuzmina, E. N. Suslova, B. A. Shainyan, and S. A. Shlykov</i> Tetrahedron 75 (2019) 3038-3045
C₁₂H₁₀	Acenaphthene Structure by GED/MS and QC <i>A. A. Otlyotov, Yu. V. Vishnevskiy, J.-H. Lamm, H.-G. Stammler, N. W. Mitzel, and G. V. Girichev</i> Manuscript in preparation
C₁₂H₁₈OSi	1-Methoxy-1-phenyl-1-silacyclohexanes Structure by GED/MS and QC <i>Tran Dinh Phien, L. E. Kuzmina, E. N. Suslova, B. A. Shainyan, and S. A. Shlykov</i> Tetrahedron 75 (2019) 3038-3045
C₁₂H₁₈SSi	1-Methylthio-1-phenyl-1-silacyclohexane Structure by GED/MS and QC <i>B. A. Shainyan, E. N. Suslova, Tran Dinh Phien, S. A. Shlykov, M. Heydenreich, and E. Kleinpeter</i> Tetrahedron 75(46) (2019) 130677
C₁₄H₉F₅O₂ C₆H₅OCH₂CH₂OC₆F₅	1-Phenoxy-2-pentafluorophenylethane Structure by GED/MS and QC <i>J.-H. Weddeling, T. Glodde, I. Yu. Kurochkin, A. A. Otlyotov, N. W. Mitzel, and G. V. Girichev</i> Manuscript in preparation
C₁₄H₁₀	Anthracene Structure by GED/MS and QC <i>N. W. Mitzel, Yu. Vishnevskiy, N. V. Tverdova, A. A. Otlyotov, V. M. Petrov, V. N. Petrova, N. I. Giricheva, and G. V. Girichev</i> Manuscript in preparation
C₁₄H₁₄O₂ PhOCH₂CH₂OPh	1,2-Diphenoxyethane Structure by GED/MS and QC <i>J.-H. Weddeling, T. Glodde, I. Yu. Kurochkin, A. A. Otlyotov, N. W. Mitzel, and G. V. Girichev</i> Manuscript in preparation
C₁₅H₂₄Si	1-Phenyl-1-tert-butyl-1-silacyclohexane Structure by GED/MS and QC calculations <i>B. A. Shainyan, Tran Dinh Phien, and S. A. Shlykov</i> Manuscript in preparation

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<p>C₂₀H₄F₂₄GdO₈ Gd(hfa)₄</p>	<p>Gadolinium tetrakis hexafluoroacetylacetonate</p> <p>Structure by GED/MS QC <i>G. V. Girichev, N. I. Giricheva, A. E. Khochenkov, N. V. Belova and V. V. Sliznev</i> Manuscript revised</p>
<p>C₂₀H₄F₂₄LaO₈ La(hfa)₄</p>	<p>Lanthanum tetrakis hexafluoroacetylacetonate</p> <p>Structure by GED/MS QC <i>G. V. Girichev, N. I. Giricheva, A. E. Khochenkov, N. V. Belova and V. V. Sliznev</i> Manuscript revised</p>
<p>C₂₀H₄F₂₄LuO₈ Lu(hfa)₄</p>	<p>Lutetium tetrakis hexafluoroacetylacetonate</p> <p>Structure by GED/MS QC calculations <i>G. V. Girichev, N. I. Giricheva, A. E. Khochenkov, N. V. Belova and V. V. Sliznev</i> Manuscript revised</p>
<p>C₂₆H₁₆N₈</p>	<p>Hemiporphyrazine</p> <p>Structure by GED/MS and QC <i>Yu. A. Zhabanov, A. E. Pogonin, A. A. Otlyotov, M. K. Islyaikin, and G. V. Girichev</i> J. Mol. Struct. 1184 (2019) 576-582</p>
<p>C₂₈H₁₈N₆</p>	<p>Dicarbahemiporphyrazine</p> <p>Structure by GED/MS and QC <i>Yu. A. Zhabanov, A. E. Pogonin, A. A. Otlyotov, M. K. Islyaikin, and G. V. Girichev</i> J. Mol. Struct. 1184 (2019) 576-582</p>
<p>C₂₈H₂₈N₄Ni</p>	<p>Nickel octamethylporphyrin</p> <p>Structure by GED/MS and QC <i>A.E. Pogonin, N. V.Tverdova, Yu.V. Minenkov, N. I.Giricheva, and G.V. Girichev</i> Manuscript in preparation</p>
<p>C₃₀H₅₄Co₄O₁₃</p>	<p>Cobalt oxopivalate</p> <p>Structure by GED/MS and QC <i>A. S. Alikhanyan, G. V. Girichev, N. I. Giricheva, E. A. Morozova, and I. I. Nikitin</i> Manuscript in preparation</p>
<p>C₃₂H₃₆CoN₄</p>	<p>Cobalt etioporphyrin-II</p> <p>Structure by GED/MS and QC <i>G. V. Girichev, A. E. Pogonin, N. V. Tverdova, and N. I. Giricheva</i> Submitted</p>
<p>C₃₂H₃₆N₄Ni</p>	<p>Nickel etioporphyrin-II</p> <p>Structure by GED/MS and QC <i>G. V. Girichev, A. E. Pogonin, N. V. Tverdova, and N. I. Giricheva</i> Manuscript in preparation</p>
<p>C₄₄H₂₆Br₄N₄</p>	<p>5,10,15,20-Tetrakis(4'-bromophenyl)porphyrin</p> <p>Structure by GED/MS and QC, enthalpy of sublimation by MS</p>

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$C_{44}H_{26}Br_4N_4$	5,10,15,20-Tetrakis(4'-bromophenyl)porphyrin QC calculations I. Yu. Kurochkin, A. E. Pogonin, A. A. Otlyotov, A. N. Kiselev, and G. V. Girichev Izv. Vys. Uch. Zav., Khim. Khim. Tekhnol. 63(1) (2020) 51-57
$C_{44}H_{26}Cl_4N_4$	5,10,15,20-Tetrakis(4'-chlorophenyl)porphyrin Structure by GED/MS and QC, enthalpy of sublimation by MS A. E. Pogonin, I. Yu. Kurochkin, A. A. Otlyotov, A. N. Kiselev, S. A. Shlykov, and G. V. Girichev Manuscript in preparation
$C_{44}H_{26}F_4N_4$	5,10,15,20-Tetrakis(4'-fluorophenyl)porphyrin Structure by GED/MS and QC, enthalpy of sublimation by MS, IR spectrum A. E. Pogonin, I. Yu. Kurochkin, A. A. Otlyotov, A. N. Kiselev, S. A. Shlykov, and G. V. Girichev Manuscript in preparation
$C_{44}H_{26}F_4N_4$	5,10,15,20-Tetrakis(4'-fluorophenyl)porphyrin QC calculations I. Yu. Kurochkin, A. E. Pogonin, A. A. Otlyotov, A. N. Kiselev, and G. V. Girichev Izv. Vys. Uch. Zav., Khim. Khim. Tekhnol. 63(1) (2020) 51-57
$C_{44}H_{28}N_4Pd$	Palladium tetraphenylporphyrin Structure by GED/MS and QC G. V. Girichev, N. V. Tverdova, N. I. Giricheva, D. S. Savelyev, V. A. Ol'shevskaya, T. A. Ageeva, A. V. Zaitsev, and O. I. Koifman J. Mol. Struct. 1183 (2019) 137-148
$C_{44}H_{28}N_4Zn$	Zinc tetraphenylporphyrin Structure by GED/MS and QC G. V. Girichev, N. V. Tverdova, N. I. Giricheva, D. S. Savelyev, V. A. Ol'shevskaya, T. A. Ageeva, A. V. Zaitsev, and O. I. Koifman J. Mol. Struct. 1183 (2019) 137-148
Cl_4Nb $NbCl_4$	Niobium tetrachloride Structure by GED/MS QC calculations V. V. Sliznev, S. V. Smorodin, and G. V. Girichev J. Mol. Struct. 1195 (2019) 598-605
F_5Mo MoF_5	Molibdennum pentafluoride Structure by GED/MS QC calculations V. V. Sliznev, O. A. Pimenov, and G. V. Girichev J. Mol. Struct. 1199 (2020) P.126884
	Tetrakis hexafluoroacetylacetonates of La, Gd, and Lu Enthalpies of sublimation by MS A. E. Khochenkov, N. V. Belova, A. V. Krasnov, Yu. A. Zhabanov, N. I. Giricheva, and G. V. Girichev J. Chem. Thermodyn. 131 (2019) 117–12
	5,10,15,20-Tetraphenylthiaporphyrins QC calculation I. A. Kuzmin, S. A. Shlykov, and O. A. Pimenov Manuscript in preparation
	Structure of HB-complexes p-n-propyloxycinnamic acid, phenyl benzoate, and azobenzene N-benzylaniline QC, IR spectra I. S. Lebedev, K. E. Bubnova, N. I. Giricheva, M. S. Fedorov, I. A. Filippov, and S. A. Syrbu

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	Izv. Vys. Uch. Zav., Khim. Khim. Tekhnol. 62(4) (2019) 87–94.
	<p>Napthalenesulfonamides and chlorides IR spectra <i>N. I. Giricheva, G. V. Girichev, D. Christen, S. N. Ivanov, V. M. Petrov, and V. N. Petrova</i> Manuscript in progress</p>
	<p>Dimer of sodium dodecyl sulfate with leucine Quantum chemical simulation of the interaction <i>N. I. Giricheva, M. S. Kurbatova, E. Yu. Tyunina, and V. P. Barannikov</i> J. Struct. Chem. Vol. 59(8) (2018) 1768-1775</p>
	<p>Complexes of 4-n-alkoxybenzoic acid with 4-pyridyl 4'-n-alkoxybenzoate Structure and IR spectrum, QC <i>N. I. Giricheva, S. A. Syrbu, K. E. Bubnova, M. S. Fedorov, M. R. Kiselev, and G. V. Girichev</i> J. Mol. Liquids. 277 (2019) 833–842.</p>
	<p>Sodium dodecyl sulfate and amino acid/oligopeptides Lyotropic mesomorphism, structure, QC <i>N. V. Zharnikova, A. I. Smirnova, N. I. Giricheva, V. G. Badelin, and N. V. Usol'tseva</i> Liq. Cryst. Appl. 19(1) (2019) 13–23.</p>
	<p>Dynamics of nuclei and electrons in free molecules and condensed matter <i>S. A. Aseev, A. S. Akhmanov, G. V. Girichev, A. A. Ischenko, I. V. Kochikov, V. Ya. Panchenko, and E. A. Ryabov</i> Phys. Usp., 2020 N2. P... DOI: 10.3367/UFNr.2018.11.038477 in press</p>
	<p>A3B-type porphyrins Absorbtion spectra, QC <i>A. I. Smirnova, K. M. Soldatova, A. V. Ezhov, N. A. Bragina, N. I. Giricheva, and N. V. Usol'tseva</i> Liq. Cryst. Appl. 19(4) (2019) 25-37</p>