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Br_2Se $SeBr_2$	**Selenium dibromide** S. A. Shlykov, N. I. Giricheva, G. V. Girichev, H. Oberhammer and A. V. Titov Structure from GED/MS and QC , QC for TeX_2 (X=F, Cl, Br, I) Phys. Chem. Chem. Phys. **10** (2008), 6438–6445.
Br_2Te $TeBr_2$	**Tellurium dibromide** S. A. Shlykov, N. I. Giricheva, G. V. Girichev, H. Oberhammer and A. V. Titov Structure from GED/MS and QC , QC for SeX_2 (X=F, Cl, Br, I) Eur. J. Inorg. Chem. **33** (2008), 5220 – 5227
Br_3La $LaBr_3$	**Lanthanum tribromide** D. A. Ivanov, V. V. Sliznev, L. S. Kudin, M. F. Butman Structure by QC calculation and MS study Chemistry and Chemical Technology Research-Engineering Journal, 2008, accepted
Br_3Lu $LuBr_3$	**Lutetium tribromide** N. I. Giricheva, S. A. Shlykov, G. V. Girichev, E. V. Chernova and E. Lapykina Structure by GED/MS and QC Zh. Strukt. Khim., submitted
Br_3Y YBr_3	**Yttrium tribromide** N. I. Giricheva, S. A. Shlykov, G. V. Girichev, and H. Oberhammer Structure by GED/MS and QC Manuscript in preparation
Br_3Yb $YbBr_3$	**Ytterbium tribromide** N. I. Giricheva, S. A. Shlykov, G. V. Girichev, and H. Oberhammer Structure by GED/MS and QC Manuscript in preparation

Br_4LaNa $NaLaBr_4$	**Sodium tetrabromolanthanum** D. A. Ivanov, V. V. Sliznev, L. S. Kudin, M. F. Butman structure by QC calculation and MS study Chemistry and Chemical Technology Research-Engineering Journal, 2008, accepted
Br_4La^- $LaBr_4^-$	**Lanthanum tetrabromide anion** D. A. Ivanov, V. V. Sliznev, L. S. Kudin, M. F. Butman Structure by QC calculation and MS study Chemistry and Chemical Technology Research-Engineering Journal, 2008, accepted
Br_4La^- $LaBr_4^-$	**Lanthanum tetrabromide anion** M. F. Butman, V. V. Sliznev, L S. Kudin, D. A. Ivanov, V. B. Motalov, K. V. Cramer Structure by QC calculation and MS study Zh. Fiz. Khim., 2008, accepted
C_4Br_4S	**Tetrabromothiophene** S. A. Shlykov, F. Blockhuys Structure by GED/MS and QC Manuscript in preparation
$C_4H_5ClO_2$ $C_4H_5O_2Cl$	**1-Chloro-1,3-butanedion** N. V. Belova, H. Oberhammer, G. V. Girichev , S. A. Shlykov Tautomeric and conformational properties by ab initio study J. Chem. Phys. A., in press
$C_4H_7NO_3$	**Malonamic acid methyl ester** N. V. Belova, H. Oberhammer, S. A. Shlykov Tautomeric and conformational properties by GED and QC study J. Phys. Chem. A. **112** (18) (2008), 4355-4359
$C_5H_4FNO_4S$ $C_5H_4SO_4NF$	**2-Nitrobenzenesulphonyl fluoride** V. M. Petrov, G. V. Girichev, H. Oberhammer, V. N. Petrova, N. I. Giricheva, A. V. Bardina, S. N. Ivanov Conformafion analysis, ra, rh1 structure by GED and quantum chemical calculations, vapour composition by GED and MS. J. Phys. Chem. A, in press.
$C_5H_7ClO_2$	**3-Chloro-2,4-pentanedione** N. V. Belova, H. Oberhammer, G. V. Girichev , S. A. Shlykov Tautomeric and conformational properties by GED and QC study

	J. Phys. Chem. A. **112** (14) (2008), 3209-3214
$C_6H_4ClNO_4S$ $C_6H_4SO_4NCl$	**4-Nitrobenzenesulphonyl chloride** V. M. Petrov, V. N. Petrova, G. V. Girichev, N. I. Giricheva, H. Oberhammer, A. V. Bardina, S. N. Ivanov, A. V. Krasnov Molecular structure by GED, DFT, MP2 calculations Zh. Strukt. Khim., in press.
$C_6H_4ClNO_4S$ $C_6H_4SO_4NCl$	**2-Nitrobenzenesulphonyl chloride** V. M. Petrov, H. Oberhammer, N. I. Giricheva, G. V. Girichev, V. N. Petrova, S. N. Ivanov Molecular structure by GED, DFT calculations, conformation composition. in progress
$C_6H_4Cl_2O_2S$ $C_6H_4SO_2Cl_2$	**2-Chlorobenzenesulphonyl chloride** V. N. Petrova, V. M. Petrov, G. V. Girichev, H. Oberhammer, S. N. Ivanov Molecular structure by GED, DFT, MP2 calculations Zh. Strukt. Khim. **49** (5) (2008), 883-890.
$C_6H_4NO_5S$ $C_6H_4SO_5N$	**2-Nitrobenzene sulphoacid** V. M. Petrov, N. I. Giricheva, V. N. Petrova, G. V. Girichev, S. N. Ivanov Molecular structure by GED, DFT calculations, conformation composition Zh. Strukt. Khim.
$C_6H_4NO_5S$ $C_6H_4SO_5N$	**3-Nitrobenzene sulphoacid** V. M. Petrov, N. I. Giricheva, G. V. Girichev, V. N. Petrova, S. N. Ivanov Molecular structure by GED, DFT calculations, conformation composition in progress
$C_6H_{13}FSi$ $C_5H_{10}SiFCH_3$	**1-Flouro-1-methyl-1-silacyclohexane** I. Arnason, N. I. Giricheva, G. V. Girichev Structure and conformations by GED and QC calculations Manuscript in preparation
$C_7H_5F_3S$ $C_6H_5SCF_3$	**Trifluoromethylphenyl sulfide** H. Oberhammer, G. V. Girichev, N. I. Giricheva, S. A. Shlykov, Moscow GED

	The molecular structure, GED/MS, MP2 J. Mol. Struct., in press
$C_7H_5F_3S$ $C_6H_5SCF_3$	**(Trifluoromethyl)thiobenzene** N. I. Giricheva, S. A. Shlykov, G. V. Girichev, and H. Oberhammer Structure of the "overheated molecule" by GED/MS and QC Manuscript in preparation
$C_7H_5F_3S$ $C_6H_5SCF_3$	**(Trifluoromethyl)thiobenzene** I. F. Shishkov, L. V. Khristenko, A. N. Rykov, L. V. Vilkov, N. I. Giricheva, S. A. Shlykov, G. V. Girichev, H. Oberhammer rh_1 and r_g structures by GED and *ab initio* calculations J. Mol. Struct. **876** (2008), 147–153
$C_7H_9NO_2S$ $C_7H_7SO_2NH_2$	**p-Methylbenzenesulphonamide** V. M. Petrov, G. V. Girichev, H. Oberhammer, V. N. Petrova, N. I. Giricheva, A. V. Bardina Molecular structure by GED, DFT, MP2 calculations conformation composition J. Phys. Chem. A **112** (113) (2008), 2969-2976
$C_7H_9NO_2S$ $C_7H_7SO_2NH_2$	**o-Methylbenzenesulphonamide** V. M. Petrov, G. V. Girichev, H. Oberhammer, V. N. Petrova, N. I. Giricheva, A. V. Bardina Molecular structure by GED, DFT, MP2 calculations conformation composition J. Phys. Chem. A **112** (113) (2008), 2969-2976
$C_7H_{13}F_3Si$	**1-Methyl-1-trifluormethyl-1-silacyclohexane** I. Arnason, N. I. Giricheva, G. V. Girichev Structure and conformations by GED and QC calculations Manuscript in preparation
$C_{10}H_2CaF_{12}O_4$ $C_{10}H_2O_4F_{12}Ca$	**Calcium hexafluoroacetylacetonate** N. V. Belova, G. V. Girichev, H. Oberhammer Internal rotation of CH_3 groups by DFT calculations Zh. Strukt. Khim., manuscript in preparation
$C_{10}H_{14}CaO_4$	**Calcium acetylacetonate** N. V. Belova, G. V. Girichev, H. Oberhammer Internal rotation of CH_3 groups by DFT calculations Zh. Strukt. Khim., manuscript in preparation

$C_{10}H_{14}O_4Zn$ $ZnO_4C_{10}H_{14}$	**Zinc acetylacetonate** E. V. Antina, N. V. Belova, M. B. Berezin, G. V. Girichev, N. I. Giricheva, A. V. Zakharov, A. A. Petrova, and S. A. Shlykov Structure by GED and DFT calculations; vibrational frequencies by DFT calculations Zh. Strukt. Khim., in press
$C_{11}H_{12}AuNO$ $AuC_{11}H_{12}NO$	**Dimethylgold oxinate** V. V. Rybkin, A. A. Besonov Structure and vibrational frequencies by DFT, electronic spectrum by TD-DFT and MCQDPT; experimental IR- and UV-visual-spectra Manuscript in preparation
$C_{11}H_{12}AuNS$ $AuC_{11}H_{12}NS$	**Dimethylgold thiooxinate** V. V. Rybkin, A. A. Bessonov Structure and vibrational frequencies by DFT, electronic spectrum by TD-DFT and MCQDPT; experimental IR- and UV-visual-spectra Manuscript in preparation
$C_{12}H_{18}CuN_2O_2$ $C_{12}H_{18}N_2O_2Cu$	**N,N'-Ethylene-bis(acetylacetoneiminato)copper** G. V. Girichev, N. V. Tverdova, A. V. Zakharov, N. P. Kuzmina, O. V. Kotova Structure, IR spectra by Qc and experimental study Manuscript in preparation
$C_{12}H_{18}CuN_2O_2$ $C_{12}H_{18}N_2O_2Cu$	**N,N'-ethylene-bis(acetylacetoneiminato)copper(II)** N. I. Giricheva, G. V. Girichev, Yu. S. Medvedeva, N. P. Kuzmina, O. V. Kotova Structure by GED and QC calculations Zh. Strukt. Khim., submitted
$C_{12}H_{18}N_2NiO_2$ $C_{12}H_{18}N_2O_2Ni$	**N,N'-Ethylene-bis(acetylacetoneiminato)nickel** N. V.Tverdova, G. V. Girichev, A. V. Zakharov, N. P. Kuzmina, O. V. Kotova Structure, IR spectra by QC Zh. Fiz. Khim., accepted
$C_{12}H_{18}N_2O_2Zn$	**N,N'-Ethylene-bis(acetylacetoneiminato)zinc** N. V. Tverdova, G. V. Girichev, A. V. Zakharov, N. P. Kuzmina, O. V. Kotova Structure, IR spectra by QC Zh. Fiz. Khim., accepted

$C_{15}H_3DyF_{18}O_6$ $DyC_{15}F_{18}O_6H_3$	**Tris(hexafluoroacetylacetonato)dysprosium** G. V. Girichev, V. V. Rybkin, N. V. Tverdova, S. A. Shlykov, N. P. Kuzmina, I. G. Zaitseva Vapour composition by MS, r_{h1} and r_g structures by GED, *ab initio* calculations Zh. Strukt. Khim. **49** (6) (2008), 1041-1051
$C_{15}H_3ErF_{18}O_2$ $Er(C_5O_2HF_6)_3$	**Tris(hexafluoroacetylacetonato)erbium** N.V. Tverdova, G. V. Girichev, V.V. Rybkin, S. A. Shlykov, N.P. Kuzmina, I.G. Zaitseva Structure by GED/MS and quantum chemical study Zh. Strukt. Khim. **49** (6) (2008), 1041-1051
$C_{15}H_3F_8O_6Sm$	**Tris(hexafluoroacetylacetonato)samarium** G. V. Girichev, V. V. Rybkin, N. V. Tverdova, S. A. Shlykov, N. P. Kuzmina, I. G. Zaitseva Vapour composition by MS, rh_1 and r_g structures by GED, *ab initio* calculations Zh. Strukt. Khim., submitted
$C_{15}H_3F_{18}HoO_6$ $HoC_{15}F_{18}O_6H_3$	**Tris(hexafluoroacetylacetonato)holmium** G. V. Girichev, V. V. Rybkin, N. V. Tverdova, S. A. Shlykov, N. P. Kuzmina, I. G. Zaitseva Vapour composition by MS, r_{h1} and r_g structures by GED, *ab initio* calculations Zh. Strukt. Khim. **49** (6) (2008), 1041-1051
$C_{15}H_3F_{18}LaO_6$ $LaC_{15}F_{18}O_6H_3$	**Tris(hexafluoroacetylacetonato)lanthanum** G. V. Girichev, V. V. Rybkin, N. V. Tverdova, S. A. Shlykov, N. P. Kuzmina, I. G. Zaitseva Vapour composition by MS, r_{h1} and r_g structures by GED, *ab initio* calculations Zh. Strukt. Khim., submitted
$C_{15}H_3F_{18}NdO_6$ $NdC_{15}F_{18}O_6H_3$	**Tris(hexafluoroacetylacetonato)neodymium** G. V. Girichev, V. V. Rybkin, N. V. Tverdova, S. A. Shlykov, N. P. Kuzmina, I. G. Zaitseva Vapour composition by MS, r_{h1} and r_g structures by GED, DFT calculations Zh. Strukt. Khim., submitted
$C_{15}H_3F_{18}O_6Sc$ $C_{15}H_3O_6F_{18}Sc$	**Scandium hexafluoroacetylacetonate** N. V. Belova, G. V. Girichev, H. Oberhammer Internal rotation of CH_3 groups by DFT calculations

	Zh. Strukt. Khim., manuscript in preparation
$C_{15}H_3F_{18}O_6Yb$ $YbC_{15}F_{18}O_6H_3$	**Tris(hexafluoroacetylacetonato)ytterbium** G. V. Girichev, V. V. Rybkin, N. V. Tverdova, S. A. Shlykov, N. P. Kuzmina, I. G. Zaitseva Vapour composition by MS, r_{h1} and r_g structures by GED, *ab initio* calculations Zh. Strukt. Khim. **49** (6) (2008), 1041-1051.
$C_{15}H_{21}O_6Sc$ $C_{15}H_{21}O_6Sc$	**Scandium acetylacetonate** N. V. Belova, G. V. Girichev, H. Oberhammer Internal rotation of CH_3 groups by DFT calculations Zh. Strukt. Khim., manuscript in preparation
$C_{16}H_8N_8OTi$ $C_{16}H_8N_8OTi$	**Oxotitaniumtetraazaporphyrin** A. V. Zakharov, G. V. Girichev Structure and vibrational frequencies by DFT calculations Journal of Molecular Structure: THEOCHEM, in press
$C_{16}H_{14}CuN_2O_2$ $C_{14}H_{16}N_2O_2Cu$	**N,N-bis(salicylidene)ethylenediaminocopper** N. V. Tverdova, G. V. Girichev, A. V. Zakharov, N. P. Kuzmina, O. V. Kotova Structure, IR spectra by QC Zh. Fiz. Khim., accepted
$C_{16}H_{14}CuN_2O_2$ $CuC_{16}H_{14}N_2O_2$	**N,N-Bis(salicylidene)ethylenediaminocopper(II)** N. I. Giricheva, G. V. Girichev, Yu. S. Medvedeva, N. P. Kuzmina, O. V. Kotova Structure by GED and QC calculations Zh. Strukt. Khim., submitted
$C_{16}H_{14}N_2NiO_2$ $C_{14}H_{16}N_2O_2Ni$	**N,N-Bis(salicylidene)ethylenediaminonickel** G. V. Girichev, N. V. Tverdova, A. V. Zakharov, N. P. Kuzmina, O. V. Kotova Structure, IR spectra by QC and experimental study Zh. Fiz. Khim., accepted
$C_{16}H_{16}N_2O_2$	**N,N-Bis(salicylidene)ethylenediamine** V. V. Sliznev, G. V. Girichev Structure by QC calculation Manuscript in preparation
$C_{18}H_{18}N_2O_4Zn$	**N,N-Bis(3-methoxysalicylidene)ethylenediaminozinc**

$H_{18}C_{18}O_4N_2Zn$	N. V. Tverdova, G. V. Girichev, N. P. Kuzmina, O. V. Kotova Structure, IR spectra by QC Manuscript in preparation
$C_{20}H_{12}Br_2N_4Ti$ $C_{20}H_{12}N_4Br_2Ti$	**Dibromotitaniumporphyrin** A. V. Zakharov Vibrational spectra by DFT calculations Manuscript in preparation
$C_{20}H_{12}Cl_2N_4Ti$ $C_{20}H_{12}N_4Cl_2Ti$	**Dichlorotitaniumporphyrin** A. V. Zakharov Vibrational spectra by DFT calculations Manuscript in preparation
$C_{20}H_{12}F_2N_4Ti$ $C_{20}H_{12}N_4F_2Ti$	**Difluorotitaniumporphyrin** A. V. Zakharov Structure, conformations and vibrational spectra by DFT calculations Manuscript in preparation
$C_{20}H_{12}F_2N_4Ti$ $C_{20}H_{12}N_4I_2Ti$	**Diiodotitaniumporphyrin** A. V. Zakharov Structure, conformations and vibrational spectra by DFT calculations Manuscript in preparation
$C_{20}H_{12}N_4OTi$ $C_{20}H_{12}N_4OTi$	**Oxotitaniumporphyrin** A. V. Zakharov, G. V. Girichev Structure and vibrational frequencies by DFT calculations Journal of Molecular Structure: THEOCHEM, in press
$C_{20}H_{14}N_2O_2Zn$ $H_{14}C_{20}O_2N_2Zn$	**N,N-(o- Phenylen)-bis(salicylidenediamino)zinc** N. V. Tverdova, G. V. Girichev, N. P. Kuzmina, O. V. Kotova Structure, IR spectra by QC Manuscript in preparation
$C_{22}H_{18}N_2O_4Zn$ $H_{18}C_{22}O_4N_2Zn$	**N,N-(o- Phenylen)-bis(3-methoxysalicylidenediamino)zinc** N. V. Tverdova, G. V. Girichev, N. P. Kuzmina, O. V. Kotova Structure, IR spectra by QC Manuscript in preparation
$C_{22}H_{38}CaO_4$ $C_{22}H_{38}O_4Ca$	**Calcium dipivaloylmethanate** N. V. Belova, G. V. Girichev, H. Oberhammer Internal rotation of CH_3 groups by DFT calculations Zh. Strukt. Khim., manuscript in preparation

$C_{22}H_{38}CoO_4$ $C_{22}H_{38}O_4Co$	**Cobalt dipivaloylmethanate** N. V. Belova, V. V. Sliznev, G. V. Girichev Molecular structure and electronic states by QC Manuscript in preparation
$C_{22}H_{38}FeO_4$ $C_{22}H_{38}O_4Fe$	**Iron dipivaloylmethanate** N. V. Belova, V. V. Sliznev, G. V. Girichev Molecular structure and electronic states by QC Manuscript in preparation
$C_{22}H_{38}MnO_4$ $C_{22}H_{38}O_4Mn$	**Manganese dipivaloylmethanate** N. V. Belova, V. V. Sliznev, G. V. Girichev Molecular structure and electronic states by QC Manuscript in preparation
$C_{28}H_{28}CuN_4$ $C_{28}H_{28}N_4Cu$	**Copperoctamethylporphyrine** G. V. Girichev, N. I. Giricheva, O. A. Golubchikov, Yu. V. Minenkov, A. S. Semeikin, S. A. Shlykov. r_{h1} structure, vapor composition by means of GED and MS, structure and frequencies by ROB3LYP calculations (6-31G*, TZV) Manuscript in preparation
$C_{28}H_{28}N_4Ni$ $C_{28}H_{28}N_4Ni$	**Nickeloctamethylporphyrine** G. V. Girichev, O. A. Golubchikov, Yu. V. Minenkov, A. S. Semeikin, S. A. Shlykov. r_{h1} structure, vapor composition by means of GED and MS, structure and vibrational frequencies by B3LYP calculations (6-31G*, TZV, TZV2, DGDZVP2), energy difference between ruffling and planar structures Manuscript in preparation
$C_{28}H_{28}N_4OTi$ $C_{28}H_{28}N_4OTi$	**Oxotitaniumoctamethylporphyrin** A. V. Zakharov, G. V. Girichev Structure and vibrational frequencies by DFT calculations Journal of Molecular Structure: THEOCHEM, in press
$C_{32}H_{16}Br_2N_8Ti$ $C_{32}H_{16}N_8Br_2Ti$	**Dibromotitaniumphthalocyanin** A. V. Zakharov Structure, conformations and vibrational spectra by DFT calculations Manuscript in preparation
$C_{32}H_{16}Cl_2N_8Ti$ $C_{32}H_{16}N_8Cl_2Ti$	**Dichlorotitaniumphthalocyanin** A. V. Zakharov

	Vibrational spectra by DFT calculations Manuscript in preparation
$C_{32}H_{16}CuN_8$ $CuN_8C_{32}H_{16}$	**Copperphthalocyanine** G. V. Girichev, N. V. Tverdova, N. I. Giricheva r_{h1} and r_g structures by GED, *ab initio* and DFT calculations Manuscript in preparation
$C_{32}H_{16}F_2N_8Ti$ $C_{32}H_{16}N_8F_2Ti$	**Difluorotitaniumphthalocyanin** A. V. Zakharov Structure, conformations and vibrational spectra by DFT calculations Manuscript in preparation
$C_{32}H_{16}I_2N_8Ti$ $C_{32}H_{16}N_8I_2Ti$	**Diiodotitaniumphthalocyanin** A. V. Zakharov Vibrational spectra by DFT calculations Manuscript in preparation
$C_{32}H_{16}N_8OTi$ $C_{32}H_{16}N_8OTi$	**Oxotitaniumphthalocyanin** A. V. Zakharov, G. V. Girichev Structure and vibrational frequencies by DFT calculations Journal of Molecular Structure: THEOCHEM, in press
$C_{32}H_{16}N_8OTi$	**Oxotitaniumphthalocyanine** A. V. Zakharov, S. A. Shlykov, G. V. Girichev Structure by GED experiment and DFT calculations Manuscript in preparation
$C_{33}H_{57}O_6Sc$ $C_{33}H_{57}O_6Sc$	**Scandium dipivaloylmethanate** N. V. Belova, G. V. Girichev, H. Oberhammer Internal rotation of CH_3 groups by DFT calculations Zh. Strukt. Khim., manuscript in preparation
$C_{42}H_{39}N_{15}S_3$ $C_{42}H_{39}N_{15}S_3$	**Trithiadiazoletri(5-tert-butylisoindole)macrocycle** A. V. Zakharov, S. A. Shlykov, N. V. Bumbina, E. A. Danilova, A. V. Krasnov, M. K. Islyaikin, G. V. Girichev Molecular structure by GED and QG, enthalpy of sublimation by MS Angew. Chemie Int. Ed., submitted
Cl_3Er $ErCl_3$	**Erbium trichloride** N. I. Giricheva, S. A. Shlykov, G. V. Girichev, E. V. Chernova and E. Lapykina Structure by GED/MS and QC

	Zh. Strukt. Khim., submitted
Cl_3Yb $YbCl_3$	**Ytterbium trichloride** N. I. Giricheva, S. A. Shlykov, G. V. Girichev, E. V. Chernova and E. Lapykina Structure by GED/MS and QC Zh. Strukt. Khim., submitted
Cl_4Te $TeCl_4$	**Tellurium tetrachloride** G. V. Girichev, N. I. Giricheva, D. Lentz, S. A. Shlykov, A. V. Titov GED, MS and QC, structure Manuscript in preparation.
Cl_4Ti $TiCl_4$	**Titanium tetrachloride** N. I. Giricheva, S. A. Shlykov, G. V. Girichev, S. V. Smorodin and A. V. Titov Structure changes by GED (T=273-873K), applicability of models of nuclear dynamics Izv. Vuzov. Khim. Khim. Tekhnol. **51** (9) (2008), 68-72.
F_4Te TeF_4	**Tellurium tetrafluoride** N. I. Giricheva, S. A. Shlykov, G. V. Girichev, D. Lentz and A. V. Titov Structure by GED/MS and QC Manuscript in preparation
I_2Be BeI_2	**Beryllium diiodide** S. A. Shlykov, Yu. A. Zhabanov, A. V. Zakharov, G. V. Girichev, N. I. Giricheva Structure by GED/MS and QC (CCSD(T)) Manuscript in preparation
I_2Te TeI_2	**Tellurium diiodide** S. A. Shlykov, N. I. Giricheva, G. V. Girichev, H. Oberhammer and A. V. Titov Structure by GED/MS and QC Manuscript in preparation
I_3Dy DyI_3	**Dysprosium triiodide** S. A. Shlykov, N. I. Giricheva, H. Oberhammer and G. V. Girichev Structure by GED/MS Manuscript in preparation
I_3Er	**Erbium triiodide**

ErI_3	S. A. Shlykov, N. I. Giricheva, H. Oberhammer and G. V. Girichev Structure by GED/MS Manuscript in preparation
I_3Gd GdI_3	**Gadolinium triiodide** S. A. Shlykov, N. I. Giricheva, H. Oberhammer, G. V. Girichev Structure by GED/MS Manuscript in preparation
I_3Ho HoI_3	**Holmium triiodide** S. A. Shlykov, N. I. Giricheva, H. Oberhammer and G. V. Girichev Structure by GED/MS Manuscript in preparation
I_3Pr PrI_3	**Praseodymium triiodide** S. A. Shlykov, N. I. Giricheva, G. V. Girichev, I. E. Galanin Molecular structure, GED/MS Manuscript in preparation
I_3Tb TbI_3	**Terbium triiodide** S. A. Shlykov, N. I. Giricheva, H. Oberhammer and G. V. Girichev Structure by GED/MS Manuscript in preparation
	Scanner application A. V. Zakharov, Yu. A. Zhabanov Software for a scanner application for GED Manuscript in preparation
	Yu. S. Medvedeva Molecular structure of 4-fluoro- and 3,4-difluorodanisole, N,N-bis(salicylidene)ethylenediamino- and N,N'-ethylene-bis(acetylacetoneiminato)nickel(II) and copper(II) by GED and quantum chemical calculations, Ph.D. thesis Sept. 2008