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BF_2HO F_2BOH	**Difluorohydroxyborane** re^{se} and r_e (best ab initio) structure by high-resoulution IR and coupled cluster calculations *N. Vogt, J. Demaison, H. D. Rudolph, and A. Perrin* Phys. Chem. Chem. Phys., **17** (2015) 30440
C_3H_8 $C_3CCH_2CH_3$	**Propane** Large amplitude tunneling in high resolution IR spectra of v_{21} band *A. Perrin, F. Kwabia-Tchana, J. M. Flaud, L. Manceron, J. Demaison, N. Vogt, P. Groner, and W. J. Lafferty* J. Mol. Spectrosc., **315** (2015) 55
$C_4H_3FN_2O_2$	**5-Fluorouracil** Molecular structure by ED and coupled cluster calculations *N. Vogt, D. N. Ksenafontov, and A. N. Rykov* Manuscript in preparation
$C_4H_4N_2O_2$	**Uracil** Anharmonic analysis of vibrational spectra *S. V. Krasnoshchekov, N. Vogt, and N. F. Stepanov* J. Phys. Chem. A., **119** (2015) 6723
$C_4H_4O_3$	**Dihydro-2,5-furandione (succinic anhydride)** r_e^{se} structure and conformations by ED and coupled cluster calculations *N. Vogt, E. P. Altova, D. N. Ksenafontov, and A. N. Rykov* Struct. Chem., **26** (2015) 1481
$C_5H_4N_2O_4$	**Orotic acid (1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidinecarboxylic acid)** Molecular structure and conformations by ED and QC *N. Vogt, E. P. Altova, A. N. Rykov, and I. F. Shishkov* Work in progress
$C_6H_5NO_2$ C_5H_4NCOOH	**Pyridine-3-carboxylic acid (nicotinic acid)** Molecular structure and conformations by ED and coupled cluster calculations *N. Vogt, I .I. Marochkin, and A. N. Rykov* Work in progress
$C_6H_5NO_2$ C_5H_4NCOOH	**Pyridine-2-carboxylic acid (picolinic acid)** Molecular structure and conformations by ED and coupled cluster calculations *N. Vogt, I .I. Marochkin, and A. N. Rykov* Manuscript in preparation
$C_6H_8N_2O_2$	**1-Methylthymine** r_a, r_e^{se}, r_e (best ab initio) structure by ED and coupled cluster calculations *N. Vogt, I. I. Marochkin, and A. N. Rykov*

	J. Phys. Chem. A., **119** (2015) 152
C_6H_8	**(3E)-1,3,5-Hexatriene** r_e^{se} structure by MW and coupled cluster calculations *N. C. Craig, J. Demaison, P. Groner, H. D. Rudolph, and N. Vogt* J. Phys. Chem. A., **119** (2015) 152
C_8H_{10}	**(3Z,5Z)-1,3,5,7-Octatetraene** structure by coupled cluster calculations *N. C. Craig, J. Demaison, P. Groner, H. D. Rudolph, and N. Vogt* J. Phys. Chem. A., **119** (2015) 152
C_8H_{10}	**(3E,5E)-1,3,5,7-Octatetraene** structure by coupled cluster calculations *N. C. Craig, J. Demaison, P. Groner, H. D. Rudolph, and N. Vogt* J. Phys. Chem. A., **119** (2015) 152
C_8H_{10}	**(3E,5Z)-1,3,5,7-Octatetraene** structure by coupled cluster calculations *N. C. Craig, J. Demaison, P. Groner, H. D. Rudolph, and N. Vogt* J. Phys. Chem. A., **119** (2015) 152
	Structure Data of Free Polyatomic Molecules Inorganic and C_1 and C_2 molecules *E. Hirota, K. Kuchitsu, T. Steimle, M. Tanimoto, J. Vogt, and N. Vogt* Landolt-Börnstein New Series II/30A, (edited by K. Kuchitsu, N. Vogt, and M. Tanimoto), Springer, Berlin, (2014) 414 pp.
	Structure Data of Free Polyatomic Molecules Organic molecules with more than two carbon atoms *E. Hirota, K. Kuchitsu, T. Steimle, M. Tanimoto, J. Vogt, and N. Vogt* Landolt-Börnstein New Series II/30B, (edited by K. Kuchitsu, N. Vogt, and M. Tanimoto), Springer, Berlin, (2014) 447 pp.
	MOGADOC Brief description *J. Vogt, N. Vogt, R. Rudert, E. Popov, S. Schlagenhauf, K. Deutzmann, and R. Kramer* Struct. Chem., **26** (2015) 1725
	MOGADOC update 2013/2014 *J. Vogt, N. Vogt, R. Rudert, K. Deutzmann, and S. Schlagenhauf* update in preparation