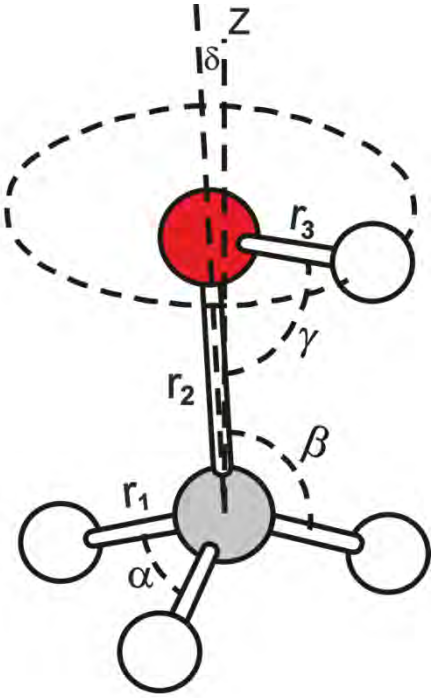
GEDIS Letter

Gas Electron Diffraction Information Service



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CH_2OS $H_2C{=}S{=}O$	**Sulfine** r_e by MW and ab initio *J. Demaison, N. Vogt, and D. N. Ksenafontov* J. Mol. Struct. (2020), in press
CH_5As CH_3AsH_2	**Methylarsine** MW spectrum in the ground, first, and second ecited torsional state *R. A. Motiyenko, V. V. Ilyushin, J. Demaison, N. Vogt, L. Margulès, H. Møllendal, and J.-C. Guillemin* J. Mol. Struct, submitted
$C_4H_3FN_2O_2$	**5-Fluorouracil** Molecular structure by ED and coupled cluster calculations *N. Vogt, D. N. Ksenafontov, and A. N. Rykov* Manuscript in preparation
$C_4H_4O_3$	**Succinic anhydride** r_e by MW and ab initio *M. K. Jahn, D. A. Obenchain, K. P. Rajappan Nair, J.-U. Grabow, N. Vogt, J. Demaison, P. D. Godfrey, and D. McNaughton* Phys. Chem. Chem. Phys., (2020) in press
$C_5H_4N_2O_4$	**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* Manuscript in preparation
$C_6H_4N_2$	**2-Pyridinecarbonitrile** r_e structure by (ED+MW) and ab initio *N. Vogt, L. S. Khaikin, A. N. Rykov, O. E. Grikina, A. A. Batiukov, J. Vogt, I. V. Kochikov, and I. F. Shishkov* Struct. Chem. 30 (2019) 1699-1706
$C_6H_5NO_2$ 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
$C_6H_{10}S_2$ $(H_2C{=}CHCH_2)_2S_2$	**Diallyl disulfide** r_e by MW and ab initio *J. Demaison, N. Vogt, R. Tama Saragi, M. Juanes, H.-D. Rudolph, and A. Lesarri* Phys. Chem. Chem. Phys. 21 (2019) 19732-19736
$C_6H_{10}S_2$	**Diallyl disulfide** **Cover Story** r_e by MW and ab initio

$(H_2C=CHCH_2)_2S_2$	*J. Demaison, N. Vogt, R. Tama Saragi, M. Juanes, H.-D. Rudolph, and A. Lesarri* Phys. Chem. Chem. Phys. 21 (2019) 19732-19736
$C_8H_4FNO_2$	**5-Fluoroisatin** r_e from CCSD(T) computations *A. V. Belyakov, K. O. Nikolaenko, A. A. Oskorbin, N. Vogt, A. Rykov, and I. F. Shishkov* Mol. Phys. 117(14) (2019) 1850-1857
$C_8H_4O_3$	**Phthalic anhydride** r_e from MW data and CCSD(T) computations *A. V. Belyakov, R. Yu. Kulishenko, N. Vogt, and J. Demaison* Manuscript in preparation
$C_8H_5NO_2$	**Isatin** Equilibrium structure from CCSD(T) computations *A. V. Belyakov, K. O. Nikolaenko, A. A. Oskorbin, N. Vogt, A. Rykov, and I. F. Shishkov* Mol. Phys. 117(14) (2019) 1850-1857
$C_8H_6N_2O_2$	**3-Aminophthalimide** r_e structure from ED and coupled cluster computations *N. Vogt, D. Savelev, N. I. Giricheva, and G. V. Girichev* Manuscript in preparation
$C_9H_7NO_2$	**1-Methylisatin** r_e from ED data and CCSD(T) computations *A. V. Belyakov, K. O. Nikolaenko, A. A. Oskorbin, N. Vogt, A. Rykov, I. F. Shishkov* Mol. Phys. 117(14) (2019) 1850-1857
$C_{12}H_{10}S_2$ C_6H_5-SS-C_6H_5	**Diphenyl disulfide** r_e by MW and ab initio *J. Demaison, N. Vogt, R. Tama Saragi, M. Juanes, H.-D. Rudolph, and A. Lesarri* ChemPhysChem 20 (2019) 366-373
$C_{12}H_{10}S_2$ C_6H_5-SS-C_6H_5	**Diphenyl disulfide** **Cover Feature** r_e by MW and ab initio *J. Demaison, N. Vogt, R. Tama Saragi, M. Juanes, H.-D. Rudolph, and A. Lesarri* ChemPhysChem 20 (2019) 344
	MOGADOC update *J. Vogt, N. Vogt, R. Rudert, K. Deutzmann, and S. Schlagenhauf* update in preparation
	Structure Data of Free Polyatomic Molecules *N. Vogt and J. Vogt* Springer Nature Switzerland, in press
	Multidimensional hypersurfaces Visualization and minima finding of multidimensional hypersurface *E. V. Popov, A. A. Batiukov, N. Vogt, T. P. Popova, and J. Vogt* IGI Global Disseminator of Knowledge, Chapter 15, in press