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C₂H₁₀B₁₀I₂	9,12-Diiodo-1,2-dicarbododecaborane(12) Structure by GED and computations <i>Yu. V. Vishnevskiy, D. S. Tikhonov, C. G. Reuter, N. W. Mitzel, D. Hnyk, J. Holub, D. A. Wann, P. D. Lane, R. J. F. Berger, and S. A. Hayes</i> Inorg. Chem., 54 (2015), 11868
C₃H₇NO₂	α-Alanine (2-aminopropanoic acid) Equilibrium structure by ED and QC <i>E. P. Altova, A. N. Rykov, L. V. Khristenko, E. Yu. L'vova, and I. F. Shishkov</i> Manuscript in preparation
C₄H₄O₃	Dihydro-2,5-furandione (succinic anhydride) Molecular structure and conformations by ED and QC <i>N. Vogt, E. P. Altova, D. N. Ksenafontov, and A. N. Rykov</i> Struct. Chem., 26 (2015) 1481
C₄H₉NO₃	Threonine (2-amino-3-hydroxybutanoic acid) Equilibrium structure by ED and QC <i>D. S. Tikhonov, L. S. Khaikin, O. E. Grikina, and A. N. Rykov</i> Work in progress
C₅H₄N₂O₄	Orotic acid (1,2,3,6-tetrahydro-2,6-dioxo-4-pyrimidinecarboxylic acid) Molecular structure and conformations by ED and QC <i>N. Vogt, E. P. Altova, A. N. Rykov, and I. F. Shishkov</i> Work in progress
C₅H₉N₃	Histamine r _g and r _e structure by ED and QC <i>D. S. Tikhonov, A. N. Rykov, O. E. Grikina, and L. S. Khaikin</i> Phys. Chem. Chem. Phys., in press
C₆H₃N₃O₆	1,3,5-Trinitrobenzene Analysis of electron diffraction data for several symmetric coordinates of large amplitude motion <i>L. S. Khaikin, I. V. Kochikov, D. S. Tikhonov, and O. E. Grikina</i> Zh. Fiz. Khim., 89 (6) (2015) 994

C₆H₅NO₂	Nitrobenzene Structure by GED and IR <i>L. S. Khaikin, I. V. Kochikov, O. E. Grikina, D. S. Tikhonov, and E. G. Baskir</i> Struct. Chem., 26 (2015) 1651
C₆H₇NO	Benzamide Equilibrium structure by GED and QC <i>I. N. Kolesnikova, I. F. Shishkov, and I. Hargittai</i> Struct. Chem., 26 (2015) 1473
C₆H₈N₂O₂	1-Methylthymine r_a, r_e^{se}, r_e (best ab initio) structure by ED and coupled cluster calculations <i>N. Vogt, I. I. Marochkin, and A. N. Rykov</i> J. Phys. Chem. A., 119 (2015) 152
C₈H₁₁NO₃	4-[(1R)-2-amino-1-hydroxyethyl]benzene-1,2-diol (noradrenaline) Molecular structure and conformations by ED and QC <i>E. P. Altova, A. N. Rykov, M. V. Popik, and I. F. Shishkov</i> Work in progress
C₉H₉Cl₂N₃	Clonidine (N-(2,6-dichlorophenyl)-4,5-dihydro-1H-imidazol-2-amine) Molecular structure and conformations by ED and QC <i>I. N. Kolesnikova, A. N. Rykov, L. V. Khristenko, and I. F. Shishkov</i> Work in progress
C₉H₁₃NO₃	(R)-4-(1-Hydroxy-2-(methylamino)ethyl)benzene-1,2-diol (adrenaline) Molecular structure and conformations by ED and QC <i>E. P. Altova, A. N. Rykov, M. V. Popik, and I. F. Shishkov</i> Work in progress