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C₄H₄N₂O₃ HN(C=O)CH ₂ (C=O)NH(C=O)	Barbituric acid Structure, conformation and large amplitude motion by ED and quantum chemical calculations <i>O. V. Dorofeeva, I. I. Marochkin, N. M. Karasev, I. F. Shishkov, and H. Oberhammer</i> Struct. Chem., 22 (2011), 419
C₄H₄O₄ HOOCCHCHCOOH	Fumaric acid Equilibrium structure and conformational composition from GED and QC <i>N. Vogt, M. Abaev, and N. M. Karasev</i> J. Mol. Struct., 987 (2011), 199
C₄H₆O₄ HOOCCH ₂ CH ₂ COOH	Succinic acid Equilibrium structure and conformational composition from GED and QC <i>N. Vogt, M. Abaev, I. F. Shishkov, and A. N. Rykov,</i> J. Mol. Struct., 996 (2011), 120
C₅H₁₀N₄ C ₄ H ₈ N-CH ₂ -N ₃	N-Azidomethylpyrrolidine Anomeric effect in N-azidomethylpyrrolidine: ED and theoretical study <i>O. V. Dorofeeva, A. V. Mitin, E. P. Altova, N. M. Karasev, O. G. Nabiev, L. V. Vilkov, and H. Oberhammer</i> Phys. Chem. Chem. Phys., 13 (2011), 1490
C₅H₁₂N₄O₂ H ₂ NNHNNHNO ₂	1,1,3,3-Tetramethyl-2-nitroguanidine Structure by ED <i>L. S. Khaikin, O. E. Grikina, G. V. Girichev, A. Kovacs, K. P. Dyugaev, A. M. Astachov</i> Zh. Fiz. Khim., 85 (2011), 508/Russ. J. Phys. Chem. A, 85 (2011), 441
	Use of imaging plates in the GED experiments Use of imaging plates (IPs) in the gas-phase electron diffraction (GED) experiments on the EG-100M apparatus. The Tetrachloromethane molecule as a test object. <i>N. Vogt, R. Rudert, A. N. Rykov, N. M. Karasev, I. F. Shishkov, and J. Vogt</i> Struct. Chem., 22 (2011), 287