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Br₄Ce	<p>Cerium tetrabromide V. G. Solomonik, A. Yu. Yachmenev, A. N. Smirnov An <i>ab initio</i> study of the cerium tetrahalides Zh. Strukt. Khim.; Russ. J. Struct. Chem., 2008, v. 49, N 4, pp. 640 – 648</p>
CH₂⁺	<p>Methylene ion CH₂⁺ V. G. Solomonik, A. Yu. Yachmenev An <i>ab initio</i> study of the Renner-Teller effect and rovibronic energies in CH₂⁺ Opt. i Spekr.; Optics and Spectroscopy, 2008, Vol. 104, No. 6, pp. 818–824</p>
CeCl₄	<p>Cerium tetrachloride V. G. Solomonik, A. Yu. Yachmenev, A. N. Smirnov An <i>ab initio</i> study of the cerium tetrahalides Zh. Strukt. Khim.; Russ. J. Struct. Chem., 2008, v. 49, N 4, pp. 640 – 648</p>
CeF₄	<p>Cerium tetrafluoride V. G. Solomonik, A. Yu. Yachmenev, A. N. Smirnov An <i>ab initio</i> study of the cerium tetrahalides Zh. Strukt. Khim.; Russ. J. Struct. Chem., 2008, v. 49, N 4, pp. 640 – 648</p>
CeI₄	<p>Cerium tetraiodide V. G. Solomonik, A. Yu. Yachmenev, A. N. Smirnov An <i>ab initio</i> study of the cerium tetrahalides Zh. Strukt. Khim.; Russ. J. Struct. Chem., 2008, v. 49, N 4, pp. 640 – 648</p>
Cl₇La₂⁻	<p>Lanthanum chloride complex ion V. G. Solomonik, A. N. Smirnov An <i>ab initio</i> study of the La₂Cl₇⁻ and Lu₂Cl₇⁻ ions Koord. Khim.; Russ. J. Coord. Chem., 2008, Vol. 34, No. 9, pp. 706–711</p>
Cl₇Lu₂⁻	<p>Lutetium chloride complex ion</p>

	<p>V. G. Solomonik, A. N. Smirnov An <i>ab initio</i> study of the La_2Cl_7^- and Lu_2Cl_7^- ions Koord. Khim.; Russ. J. Coord. Chem., 2008, Vol. 34, No. 9, pp. 706–711</p>
<p>F₂Fe FeF₂</p>	<p>Iron difluoride V. G. Solomonik, J. F. Stanton, J. E. Boggs An <i>ab initio</i> study on the molecular structure and spectroscopic properties of FeF₂ J. Chem. Phys. 2008. V. 128. 244104</p>