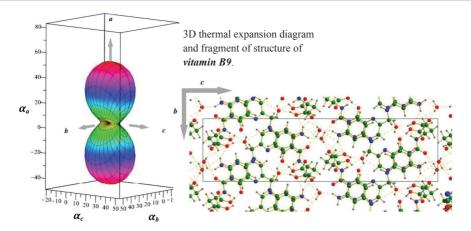
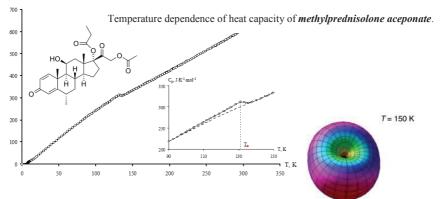
Research (What is it about?)	Thermodynamics of vitamins and hormones	
UNN authors	Knyazev A.V., Smirnova N.N., Markin A.V., Knyazeva S.S., Shipilova A.S., Gusarova E.V.	
We find (The result)	The coefficients of thermal expansion and thermodynamic functions of vitamins and hormones have been determined for the range from $T \rightarrow 0$ to 330 K	
Abstract	The coefficients of thermal expansion and thermodynamic functions of vitamins and hormones have been determined for the range from $T \rightarrow 0$ to	

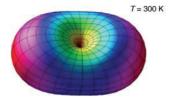
Representative articles 2016-2017, quartiles	 Knyazev A.V., Emel'yanenko V.N., Smirnova N.N., Stepanova O.V., Shipilova A.S., Markin A.V., Samosudova Ya.S., Gusarova E.V., Knyazeva S.S., Verevkin S.P. Thermodynamic properties of methylprednisolone aceponate. J. Chem. Thermodyn. 103, 244–248 (2016). 	
	 Knyazev A.V., Emel'yanenko V.N., Shipilova A.S., Lelet M.I., Gusarova E.V., Knyazeva S.S., Verevkin S.P. Thermodynamic properties of vitamin B₉. J. Chem. Thermodyn. 100, 185–190 (2016). 	Q1,Q2
	3. Knyazev A.V., Smirnova N.N., Shipilova A.S., Larina V.N., Gusarova E.V., Knyazeva S.S Combustion calorimetry and low- temperature X-ray diffraction of steroid hormone. J Therm Anal	Q2,Q3,Q3
	Calorim. 123 (3), 2201-2206 (2016). Q-index (Qi) of the result	3.11

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Cp, J-K-1-mol-1





3D thermal expansion diagram of *hydrocortisone acetate*.



T = 450 K