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A STUDY ON STRUCTURAL INVESTIGATION OF FORCE CONSTANT AND ACTIVITIES

MAHIDA MEHUL KUMAR MANAHARSINH

Research Scholar, Ph.D.in Chemistry,
Sri Satya Sai University of Technology & Medical Sciences, Sehore, M.P.

ABSTRACT

Its kinetic energy and the force it produces on its neighbours are directly proportional to the inverse of its inverse force constant (IFC) (or themselves). You may use this information to build eigenvectors and eigenfrequencies, among other things. Oftentimes, the IFCs are calculated by applying the Local-Density Approximation to Density-Functional Theory to the underlying material (SiO2-quartz, SiO2-stishovite, BaTiO3, Si). The linear response of wavefunctions and density to atomic displacements has been extracted using an effective variation-perturbation method.An in vitro metabolic research revealed the presence of benzol (4-chlorophenyl)-methylene hydrazide, a highly acidic derivative of benzoic acid. The thinking behind hydrazone design is also interesting. Six-amino-5-formyl-1,3-dimethyluracil, nicotinic and isonicotinic corrosive hydrazides, and Ni2+, Cu2+, Zn2+, and Cd2+ all generated four-arrangement hydrazone structures. The dinegative tridentate complex and the water molecule in the fourth position act as three constraining destinations for these monomeric complexes. The nitrogen atoms of the 6-amino group, the nitrogen atom of the azomethine, and the carbonyl oxygen atom of the hydrazone are all positively charged. There is no coordination between the carbonyl O molecules on the uracil ring and the endocyclic N particle of pyridine.