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Research paper

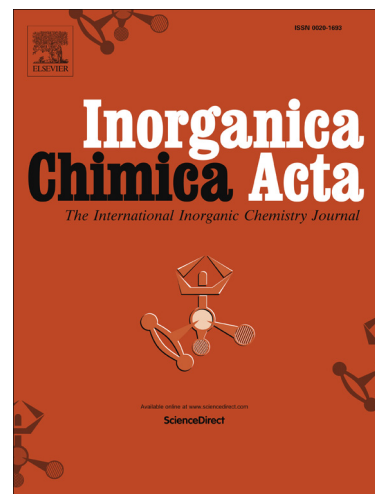
Synthesis, characterization, computational study, and biological relevance of a family of isostructural, mononuclear Ln (Ln = Gd, Tb, Dy, Ho, Er) complexes containing pyridoxine, an essential ingredient of vitamin B6 enzyme

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Synthesis, characterization, computational study, and biological relevance of a family of isostructural, mononuclear Ln (Ln = Gd, Tb, Dy, Ho, Er) complexes containing pyridoxine, an essential ingredient of vitamin B6 enzyme

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## Abstract

The synthesis and characterization of a family of Ln<sup>III</sup> complexes (Ln = Gd(**1**), Tb(**2**), Dy(**3**), Ho(**4**) and Er (**5**)) of formula [(Ln<sup>III</sup>(NO<sub>3</sub>)<sub>2</sub>(OH<sub>2</sub>)(pyridoxine)<sub>2</sub>](NO<sub>3</sub>) are reported, where

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