Zinc (Hydrogen-\(\beta\)-glutamate)-chloride Hydrate \([\text{Zn} (\beta\text{-GluH}) \text{Cl(H}_2\text{O})]\), a One-dimensional Coordination Polymer

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Zinc (hydrogen-\(\beta\)-glutamate) chloride hydrate is readily prepared from equimolar quantities of \([\text{Zn(}\beta\text{-GluH})_2]\) and \(\text{ZnCl}_2\) in water. The crystal structure shows a coordination polymer with zinc atoms bridged by the 3-ammonio-glutarate ligand. The tetrahedral coordination sphere of the metal atom is completed by the chloride anion and the water molecule.

Key words: Zinc Complex, \(\beta\)-Glutamate Complex, Coordination Polymer, Bioinorganic Chemistry