

Abstract

Acid-base and coordination properties of macrocyclic ligand 1-oxa-4,7-diazacyclononane-4,7-bis(methylenephosphonic acid) were investigated. Protonation constants and stability constants with Ca^{2+} , Mg^{2+} , Cu^{2+} , Zn^{2+} , Mn^{2+} and Ga^{3+} metal ions were determined by potentiometry.

Keywords

Potentiometry, coordination chemistry, azacycles.