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Comperative Study of Chelating Properties of Functionalized Alkanophosphonates

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COMPERATIVE STUDY OF CHELATING PROPERTIES OF FUNCTIONALIZED ALKANOPHOSPHONATES

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Recently we have reported on the complexing and tensiometric abilities of 1-aminoalkanephosphonic acids. 1,2,3 In order to characterize the influence of the auxiliary chelating function on the dissociation and chelation properties on functionalized alkanophosphonates we have synthesized compounds 1-8,

for which the dissociation and chelate formation equilibria have been examined.

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