

Symbols

K	affinity constant
ΔH	enthalpy change
ΔS	entropy change
ΔG	Gibbs free energy
N	stoichiometric ratio
1H	hydrogen proton
δ	chemical shift

Abbreviations

Cd(II)	cadmium
Cys	cysteine
GSH	glutathione
HEPES	4-hydroxyethylpiperazine ethanesulfonic acid
MES	2-(N-Morpholino) ethanesulfonic acid hydrate
NMR	nuclear magnetic resonance spectroscopy
1D 1H -NMR	One-dimensional hydrogen NMR spectroscopy
IIPs	ion imprinted polymers
ITC	isothermal titration calorimetry