

## Ion-pairing and optical activity of diastereomeric zinc(II) 1, 10-phenanthroline, S-valinate systems

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A series of S-valinatobis(1, 10-phenanthroline)zinc salts in methanolic solution have been prepared and their conductivities and ORD spectra measured. A positive linear correlation of optical rotation with conductance was found for salts of non-chelating counter anions. From the application of the Yoe-Jones method on the system Zn, phen, S-val-, Cl- it was concluded that the counter anion dependence of the optical activity is connected mainly with heterocyclic ligand counter anion exchange equilibria. © 1983.