Crystal structures and luminescence spectra of ten-co-ordinate lanthanide(III) complexes (Ln = Ce, Sm, Eu or Tb) with 2,6-bis(benzimidazol-2-yl)pyridine

(1994, 2523)

Shuangxi Wang, Ying Zhu, Yuxin Cui, Liufang Wang and Qinhui Luo

Page 2527. The interpretation of the solution ^1H NMR data is erroneous. The ^1H NMR spectra (Fig. 3) demonstrate that decomposition of the Sm^{III}, Eu^{III} and Tb^{III} complexes in methanol occurs rather than complexation between the metal ions and the ligand, as coupling between the electronic and the nuclear magnetic moments would cause the spectra to be spread over more than 10 or 70 ppm for the Eu^{III} and Tb^{III} species respectively (see C. Piguet, A. F. Williams, G. Bernardinelli and J.-C. G. Bünzli, *Inorg. Chem.*, 1993, **32**, 4139). The low quantum yields for the Sm^{III}, Eu^{III} and Tb^{III} complexes are mainly due to the dissociation of the complexes in methanol.

First-row transition-metal complexes of corroles: synthesis and characterization of oxotitanium(IV) and oxovanadium(II) complexes of β-alkylcorroles (1995, 3617)

Silvia Licoccia, Roberto Paolesse, Emanuela Tassoni, Francesca Polizio and Tristano Boschi

Page 3617. The structural formula of corrole (Fig. 1) should not have a hydrogen atom bonded to N(24).