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COVER PICTURE

The cover picture shows the structure of the Fe^{III}-selective chelating agent ICL670 (R = COOH). ICL670 has a high potential for the oral treatment of iron overload, a condition that originates from regular blood transfusions, as are necessary in the treatment of β -Thalassaemia. However, a possible problem arising from this treatment is the production of OH radicals, which can be catalysed by redox-cycling of labile Fe^{II}/Fe^{III} species. For a conclusive consideration of potential oxidative stress, a careful elucidation of the stability and redox properties of the various Fe^{II}/Fe^{III} species, which are present at physiological conditions, has been performed. Details are discussed in the article by K. Hegetschweiler et al. on p. 4177 ff.



MICROREVIEW Contents

4161 C. Gemel, T. Steinke, M. Cokoja, A. Kempter, R. A. Fischer*

Transition Metal Chemistry of Low Valent Group 13 Organyls

Keywords: Group 13 elements / Transition metals / Main group elements / Carbene homologues

