



only one of the possible combinations *RR*, *RS*, *SR*, or *SS*. Even though the presence of an enzyme which catalyses the formation of the sulphide bond *in vivo* is still unknown, it is concluded that the sulphide bond formation in cytochrome *c* biosynthesis takes place stereospecifically.

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<sup>1</sup> J. T. Slama, H. W. Smith, C. G. Wilson, and H. Rapoport, *J. Am. Chem. Soc.*, 1975, **97**, 6556 and references therein.

<sup>2</sup> S. Kojo and S. Sano, *J. Chem. Soc., Perkin Trans. 1*, 1981, in the press.

<sup>3</sup> S. Kojo and S. Sano, *J. Chem. Soc., Chem. Commun.*, 1977, 249.