

Christopher David Maycock

Short CV

Male. Born 14.10.49 in Moreton-in-Marsh, Gloucestershire, UK.

Trainee Chemist, Fisons Pest Control, Chesterford Park, UK. 1968-1971

B.Sc. University of Newcastle, 1974

Ph.D. University of Newcastle 1978

Postdoctoral fellowship from the Royal Society at ICSN, Gif sur Yvette with Prof. D.H.R. Barton 1978-1980.

Postdoctoral fellowship at ETH, Zurich with Prof. D. Seebach 1980-1981.

Assistant Prof. University of Coimbra Portugal 1982-1984

Associate Prof. University of Lisbon 1984-present.

Senior researcher (group leader) ITQB/UNL 1990-present.

Publications

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2. Simple Synthesis of Chiral Thiirane-carboxylic acids, C.D. Maycock and R.J. Stoodley, J.C.S. Chem. Commun., 1976, 234.
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7. Alkyl-, Aryl-, Vinyl-, and Heterosubstituted Organozirconium Compounds, - Selective Nucleophiles of Low Basicity, B. Weidmann, C.D. Maycock and D. Seebach, Helvetica Chimica Acta, 1981, 64, 1552.
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13. Studies Related to Penicillins Part 25. Synthesis of N-Phenylacetyl and N-Triphenylmethyl Derivatives of 6-Aminopenam 1-Oxides. *J.C.S. Perkin I*, 1988, 2259.

14. Formation and N.M.R. study of some cyclic β -ketodithioacetals. C.F.C. Geraldes, M.T. Barros, M.I. Silva and C.D. Maycock, *Tetrahedron*, 1988, 44, 2283-7.

15. A Useful Method for Preparing Optically Active Secondary Alcohols: A Short Enantiospecific Synthesis of (R) and (S)-Sulcatol, C.M. Afonso, M.T. Barros, L. Godinho, C.D. Maycock. *Tetrahedron Letters*, 1989, 2707.

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21. An Application of Quinic Acid to the Synthesis of Cyclic Homochiral Molecules:

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2. Solvent Effects in the Depolymerisation of Poly-3-(R)-Hydroxybutanoic Acid (PHB), M. T. Barros, C. D. Maycock and A. Gil O. Santos, *Rev. Port. Química*, 1990, 32, 51.

Book chapters.

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2. Synthesis and Functionalization of CdSe/ZnS QDs Using the Successive Ion Layer Adsorption Reaction and Mercaptopropionic Acid Phase Transfer Methods. Ana Sofia Miguel, Christopher Maycock and Abel Oliva, *Nanoparticles in Biology and Medicine: Methods and Protocols*, *Methods in Molecular Biology*, 906, Part 2, 143-155, 2012, Springer (book chapter by invitation).

Patents

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