



Modern Enolate Chemistry: From Preparation to Applications in Asymmetric Synthesis

Manfred Braun

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DESCRIPTION

Authored by one of the world's leading synthetic chemists in the field, this reference presents modern enolate chemistry with an emphasis on metal O-enolates in asymmetric synthesis.

While great care is taken to cover novel, successful concepts, such classical methods as the famous Evans enolates are equally highlighted. Throughout the book representative reaction procedures are presented, thus helping readers to find the best solution for their own synthetic problem.

Of high interest to synthetic chemists in academia, as well as the pharmaceuticals, agrochemicals and fine chemicals industries.

ABOUT THE AUTHOR

Manfred Braun was born in Schwalbach near Saarlouis in 1948. From 1966 until 1971 he studied chemistry at the university (TH) of Karlsruhe, and in 1975 he completed his doctorate under D. Seebach at the Justus-Liebig university of Giessen. After his postdoctoral studies with G. Buchi at the Massachusetts Institute of Technology in 1975 and 1976 he joined H. Musso's research group at the university of Karlsruhe and completed the habilitation there in 1981. Since 1985 he has been a professor of organic chemistry at the Heinrich-Heine university in Dusseldorf. He received the Heisenberg scholarship from the Deutsche Forschungsgemeinschaft and the Karl Winnacker scholarship. Guest professorships led him to the Universite de Rennes, France and the University of Wisconsin in Madison, USA. His current research interests include the development of new synthetic

methods, especially for asymmetric synthesis, organometallic chemistry, and syntheses of natural products, and biologically active compounds.

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