



Prof. Juan José Vaquero López. *Organic Chemistry Advisor.*

Degree in Chemical Sciences from the Complutense University of Madrid (1976) and Doctor of Chemical Sciences from the University of Alcalá (1981). Post-doctoral at Imperial College (London) in 1984-85 in the group of Prof. C.W. Rees working on nitrene chemistry and its application to the synthesis of natural alkaloid alkaloids. In 1986 he obtained the position of Titular Professor in the Department of Organic Chemistry of the University of Alcalá and in 1998 he obtained the position of Professor of Organic Chemistry in this same university. The

lines of research developed in the last 10 years have focused on the Chemistry and Biology of Selective DNA Intercalants with Antitumor Potential, Total Synthesis of Natural Alkaloids and Analogs and Development of Bioactive Compounds Against Targets Implicated in Kidney Disease. He has directed 20 research projects with public funding and 45 funded by companies in the pharmacology sector, 20 doctoral theses, published 150 articles in international journals in the field of Chemistry and Medical Chemistry and is a co-inventor of 22 patents. He has been editor of *Modern Heterocyclic Chemistry* (4 volumes, 2011) and has been granted 5 six-year research. He has held the positions of Vice Dean of the Faculty of Sciences between 1987-1999 and Dean of the Faculty of Chemistry of the University of Alcalá (1999-2006). He directs the "Biological Chemistry" research group, which is made up of approximately 20 researchers, with the categories of professors, full professors, doctoral assistants and doctoral students.-
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