

N-Tosylhydrazones: New applications for classic reagents. Pd-catalyzed cross-couplings and metal-free reactions.

Prof. Carlos Valdés

Universidad de Oviedo (Spain)

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Professional Career



Carlos Valdés studied Chemistry at the University of Oviedo and obtained his PhD in 1992 from the same University under the direction of Fernando Aznar and José Barluenga. From 1993 to 1995 he conducted a Fulbright postdoctoral fellowship at MIT with Julius Rebek, Jr. working on the self-assembly of "molecular tennis balls". He moved back to the University of Oviedo in mid 1995, and obtained a permanent position in 2000 and the full professor (catedrático) accreditation in 2010.

Research Interests

His current interests include the development of new methodologies on transition-metal catalyzed C-C and C-X bond forming reactions, catalytic cascade and multicomponent processes, and the discovery of new environmentally friendly metal-free reactions.