

... the potential of Grignard compounds had been recognized, leading to a Nobel Prize to F. A. V. Grignard in 1912. Although Grignard reagents are widely used in organic synthesis, the exact nature of the redox process on going from Mg metal via Mg¹ species is still not fully understood. In their Communication on page 9025 ff., H. Schnöckel et al. could show experimentally that MgR/MgX radicals are involved in the formation process of Grignard compounds.

