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COVER PICTURE

The cover picture shows the reaction of a calix[4]arene methyl ether stabilized nitridomolybdenum complex [MoN-(MeCalix)] with GaCl₃ to yield the compound [Mo(NGa-Cl₃)(MeCalix)]. This complex represents the first structurally characterized example of a nitrido-bridged dinuclear compound of a group 6 metal and a group 13 halide [EX₃]. Both metal atoms are unsymmetrically bridged with a short [Mo≡N] and a long [Ga−N] contact. Details on synthesis and structural characterization are discussed in the article by U. Radius et al. on p. 2037ff. In the background there is a view from the University of Karlsruhe (TH) to the adjacent "Hardtwald" on a stormy day photographed by Bernhard Mühr (www.wolkenatlas.de).



MICROREVIEW Contents

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Molecular Recognition. Use of Metal-Containing Molecular Clefts for Supramolecular Self-Assembly and Host-Guest Formation

Keywords: Supramolecular / Self-assembly / Host—guest adducts / Molecular cleft receptors / Molecular recognition forces

