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One-step heterylation at the upper rim of calix[4]arene with 1,2,4-triazin-5(2H)-ones

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Abstract

A convenient way to modify calix[4]arenes based on the direct C-C coupling reaction of their phenol moiety with 1,2,4-triazines has been advanced, and the ability of modified calixarenes to provide transport of La³⁺ and Ga³⁺ cations through organic membranes has been examined. © 2006 American Chemical Society.

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