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Synthesis of new calyx[4]resorcines with sterically hindered phenol fragments

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Abstract

New calyx[4]resorcines with sterically hindered phenol fragments on the lower rim were synthesized by condensing resorcinol and methyl ester of resorcinol with sterically hindered benzaldehydes. Elucidation of their structures was made by NMR ¹H spectroscopy, Maldi Tof, IR spectra.

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