

## **Synthesis and characterization of thiacalix[4]monocrowns modified by thioether groups on the lower rim**

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### **Abstract**

A series of thiacalix[4]monocrowns in 1,3-alternate conformation containing thioalkyl fragments was synthesized by the reaction of corresponding distal thiacalix[4]arene derivatives with oligoethylene glycols using a Mitsunobu protocol. © 2013 Copyright Taylor and Francis Group, LLC.

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### **Keywords**

mitsunobu reaction, Thiacalix[4]monocrowns, thioethers