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Synthesis of *p-tert*-butyl thiacalix[4]arene tetrasubstituted at the lower rim by oxazoline groups in *1,3-alternate* conformation: dramatical effect of macrocyclic platform

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Abstract

New *p-tert*-butyl thiacalix[4]arenes functionalized with oxazoline and bromoethylacetamide groups at the lower rim in *1,3-alternate* conformation were synthesized. It was shown that the cyclization of oxazoline fragments of thiacalix[4]arene is carried out under mild conditions, that is not typical for the formation of oxazolines.