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CORRECTION

Correction: Synthesis of functional (thia)calix[4]arene derivatives using modular azide-alkyne cycloaddition approach

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Correction to:
Journal of Inclusion Phenomena and Macrocyclic Chemistry
https://doi.org/10.1007/s10847-023-01200-6

In the original publication of the article, unfortunately the numbering of compounds in the figures (from Figs. 29 to 49) does not match with the text. The correct version of these Figs. 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48 and 49 with correct numbering of compounds are provided in this correction.

The original article has been corrected.

The original article can be found online at https://doi.org/10.1007/s10847-023-01200-6.

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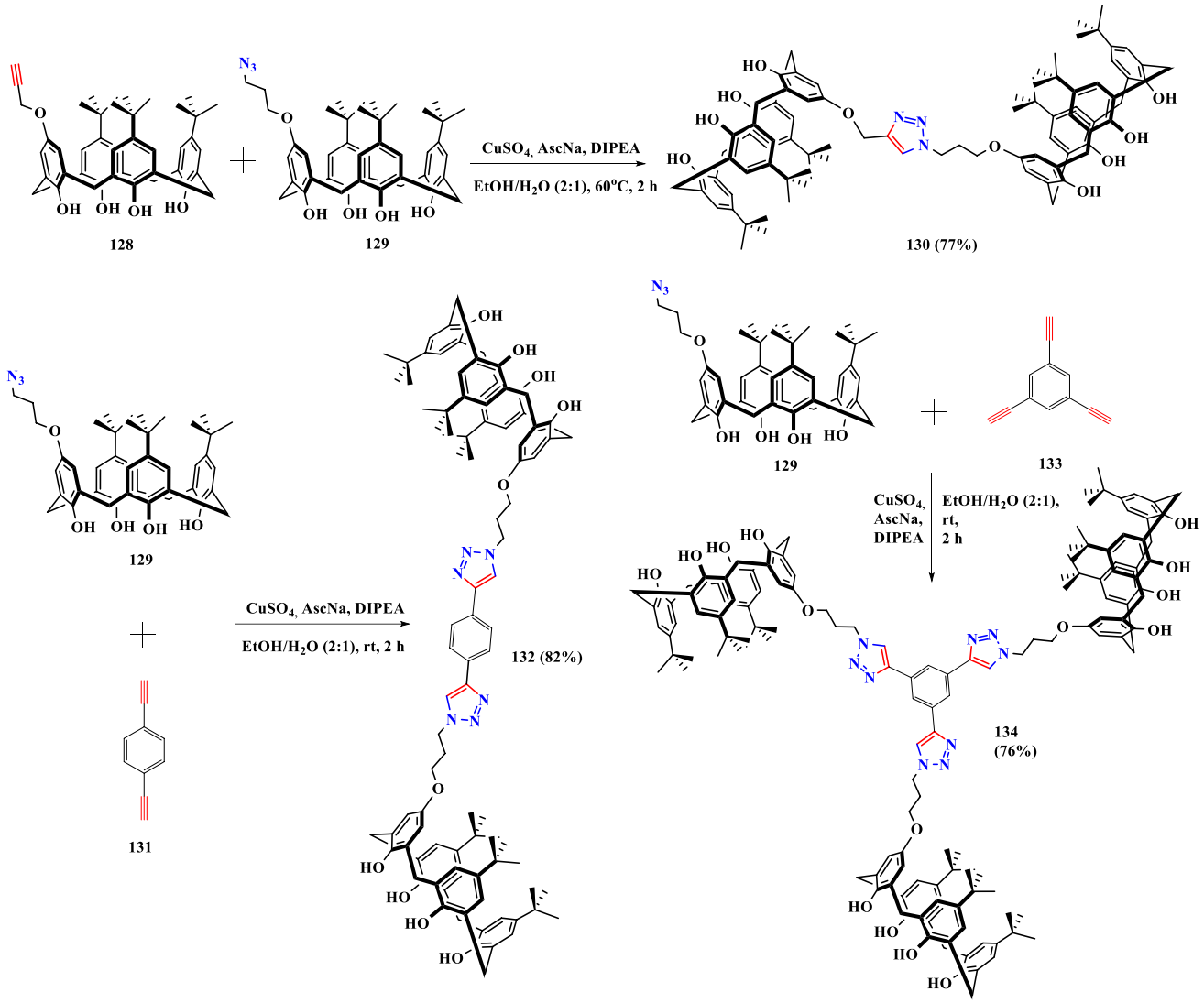


Fig. 29 Bis-calix[4]arenes and tris-calix[4]arene linked by oxyethyl and oxypropyl linkers on the upper rim

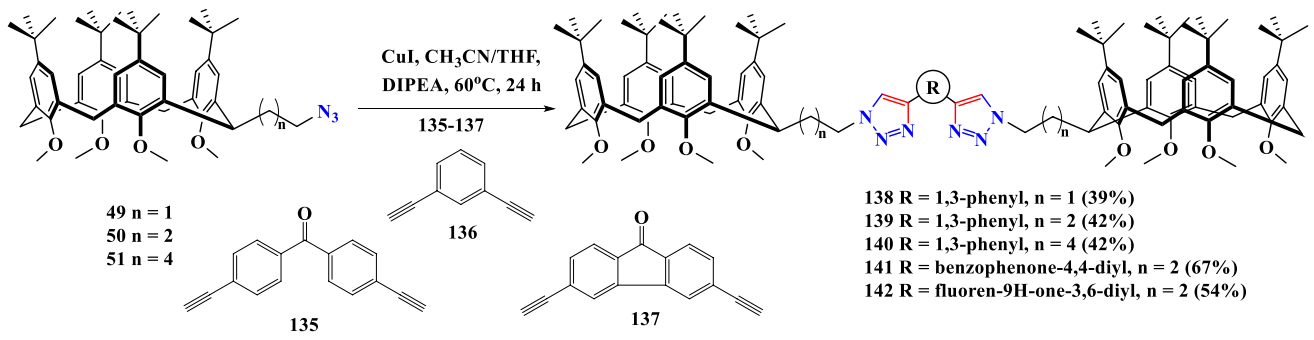


Fig. 30 Synthesis of bis-calix[4]arene podants-potential shape-sensitive chemosensors

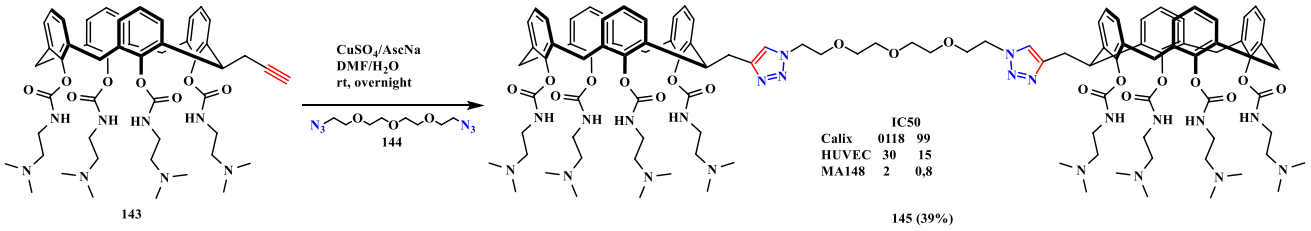


Fig. 31 Cytotoxic bis-calixarene **145** and its IC_{50} values compared to calixarene 0118

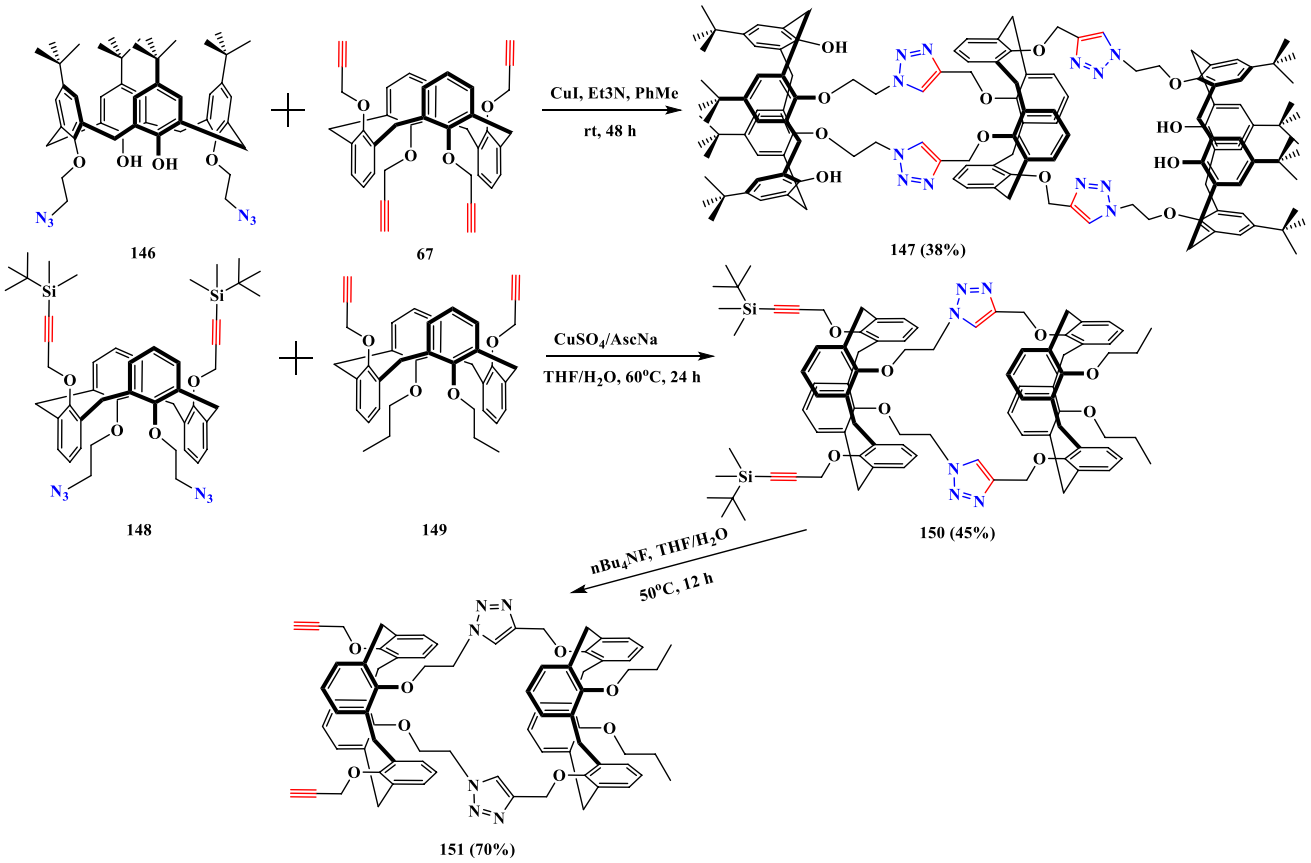


Fig. 32 Synthetic route for obtaining calix[4]semitubes

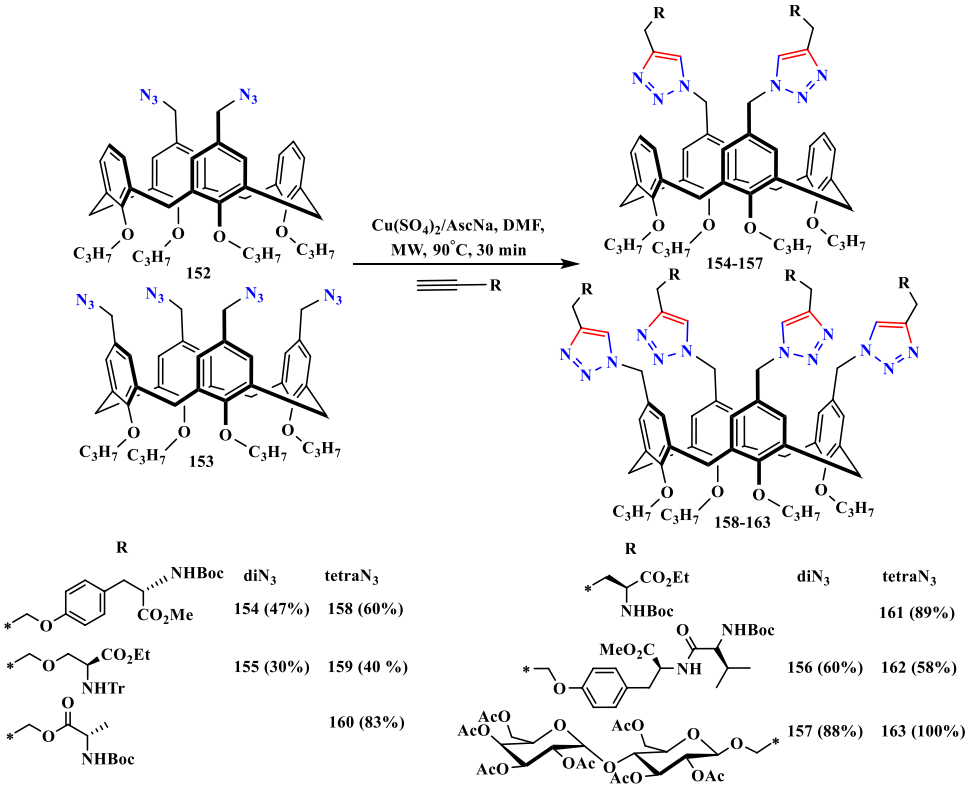


Fig. 33 First amphiphilic calix[4]arenes, synthesized using CuAAC approach

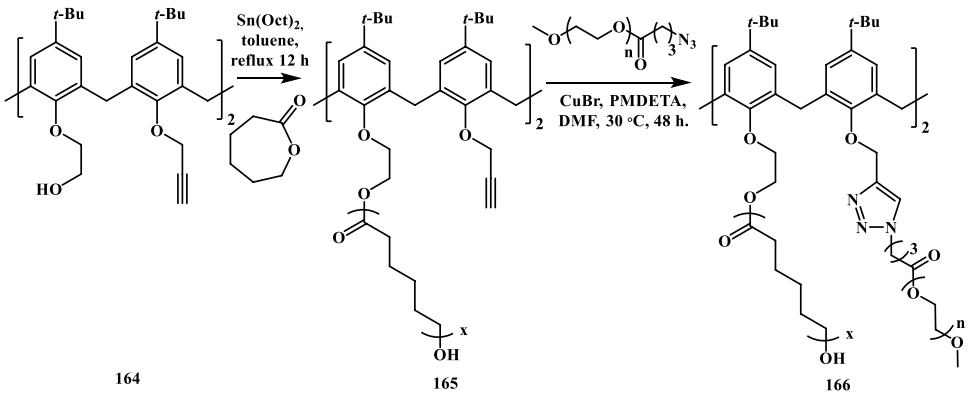


Fig. 34 Polymerizable amphiphiles based on *tert*-butylcalix[4]arene **166**

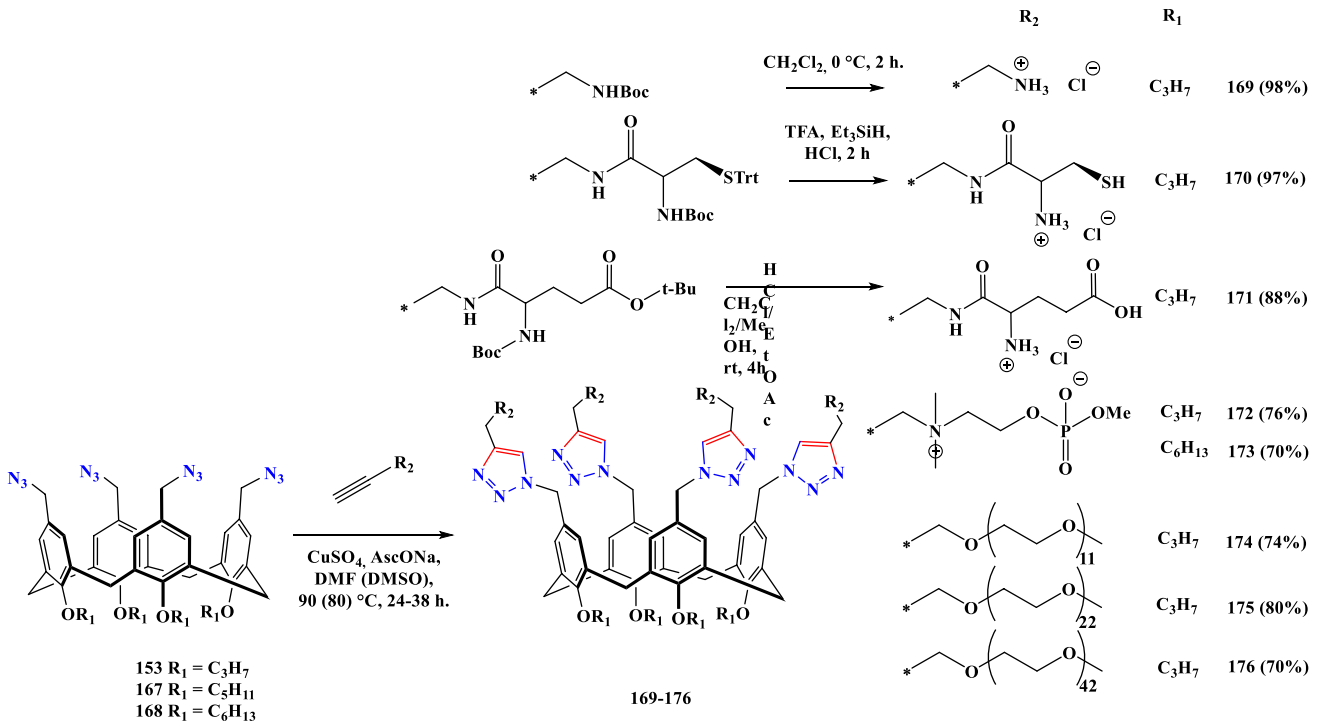


Fig. 35 Sakurai`s amphiphilic calix[4]arenes

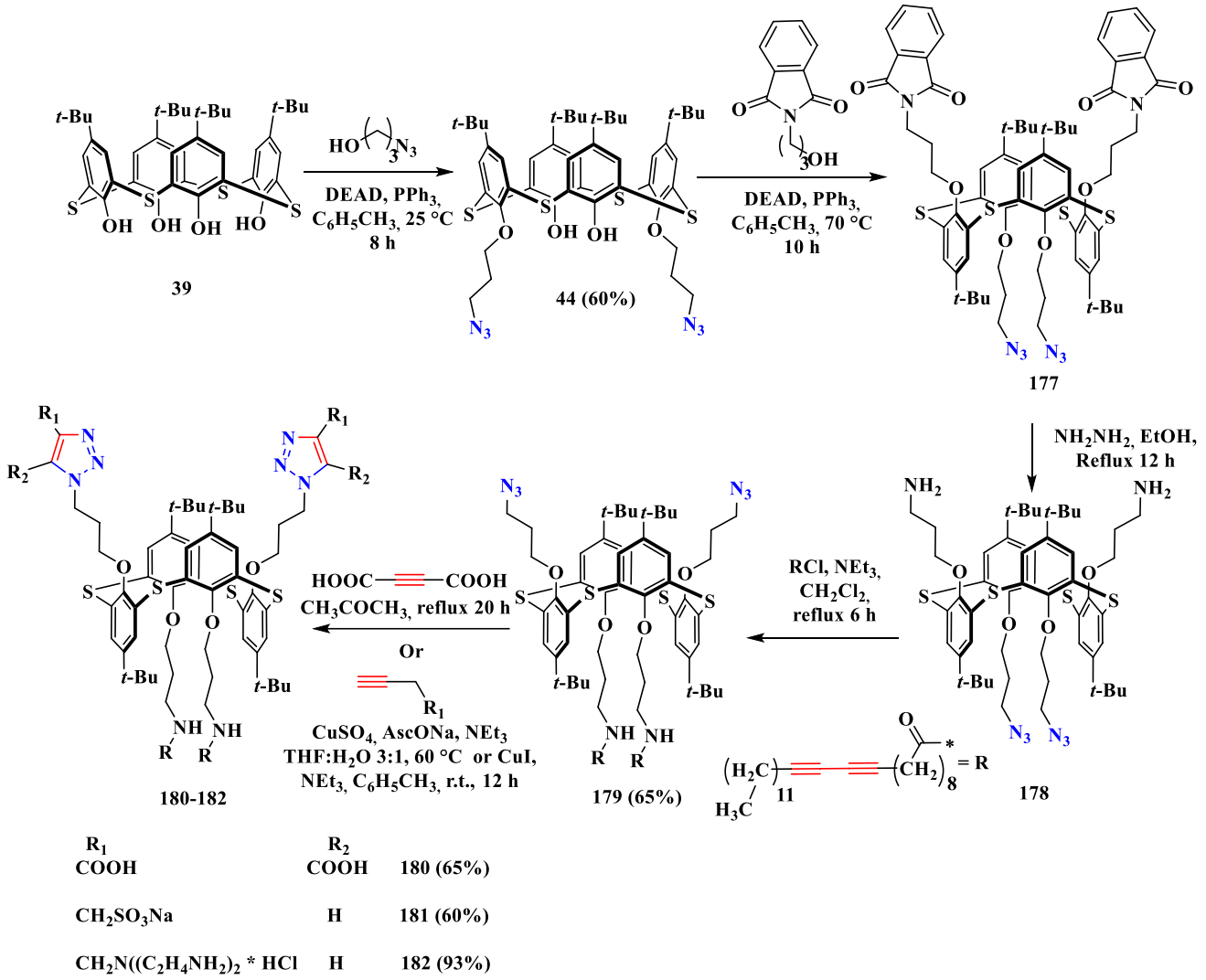


Fig. 36 Synthetic route for diacetylene-containing thiacalix[4]arene amphiphiles

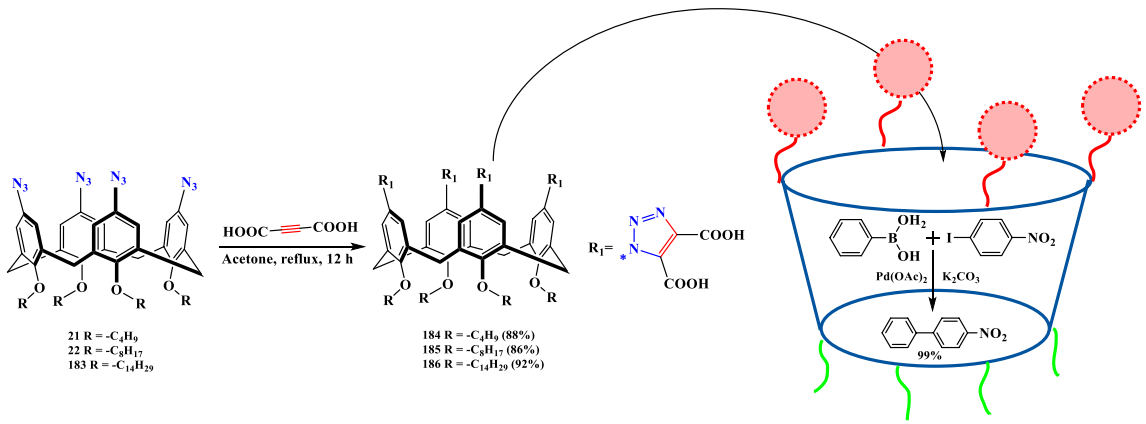


Fig. 37 Synthesis of octacarboxy-containing macrocycles and their use as micellar medium for Suzuki cross-coupling reaction

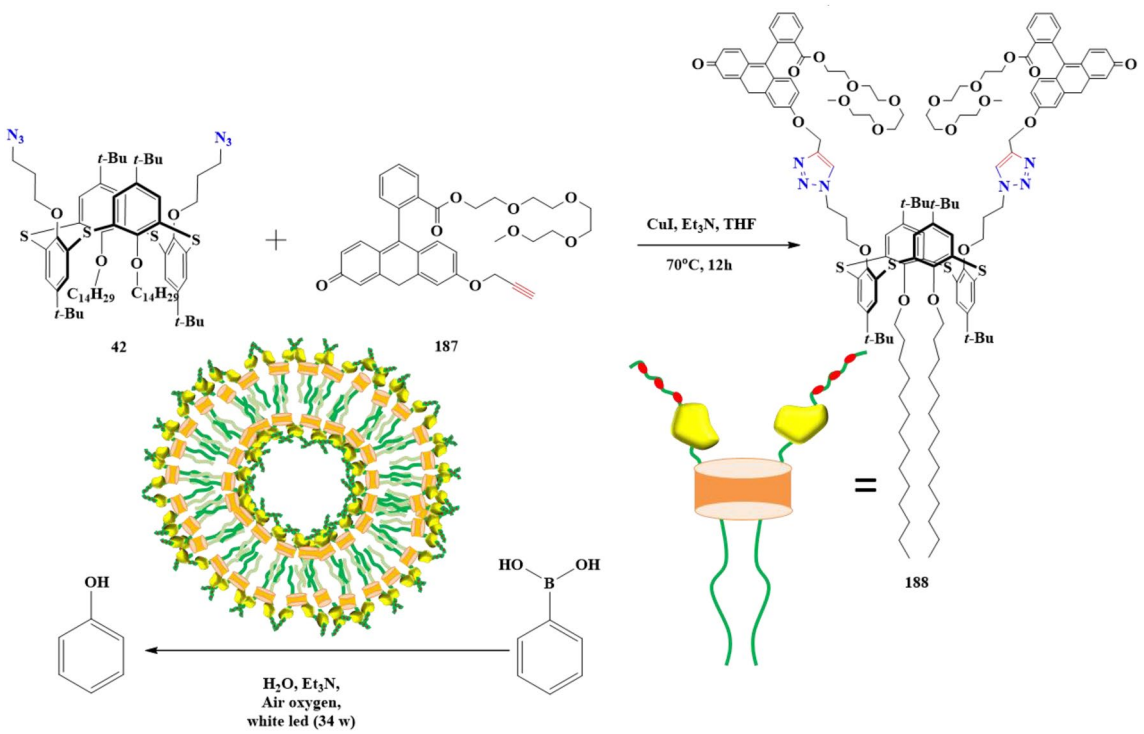


Fig. 38 Synthesis and photocatalytic activity of fluorescein containing macrocycle **188**

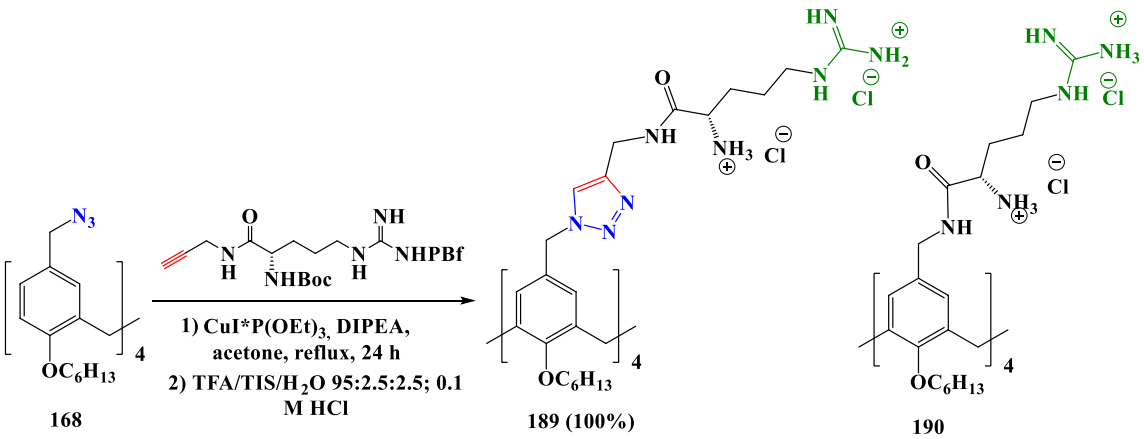


Fig. 39 Guanidine containing macrocycles capable of transfect DNA through cell lines

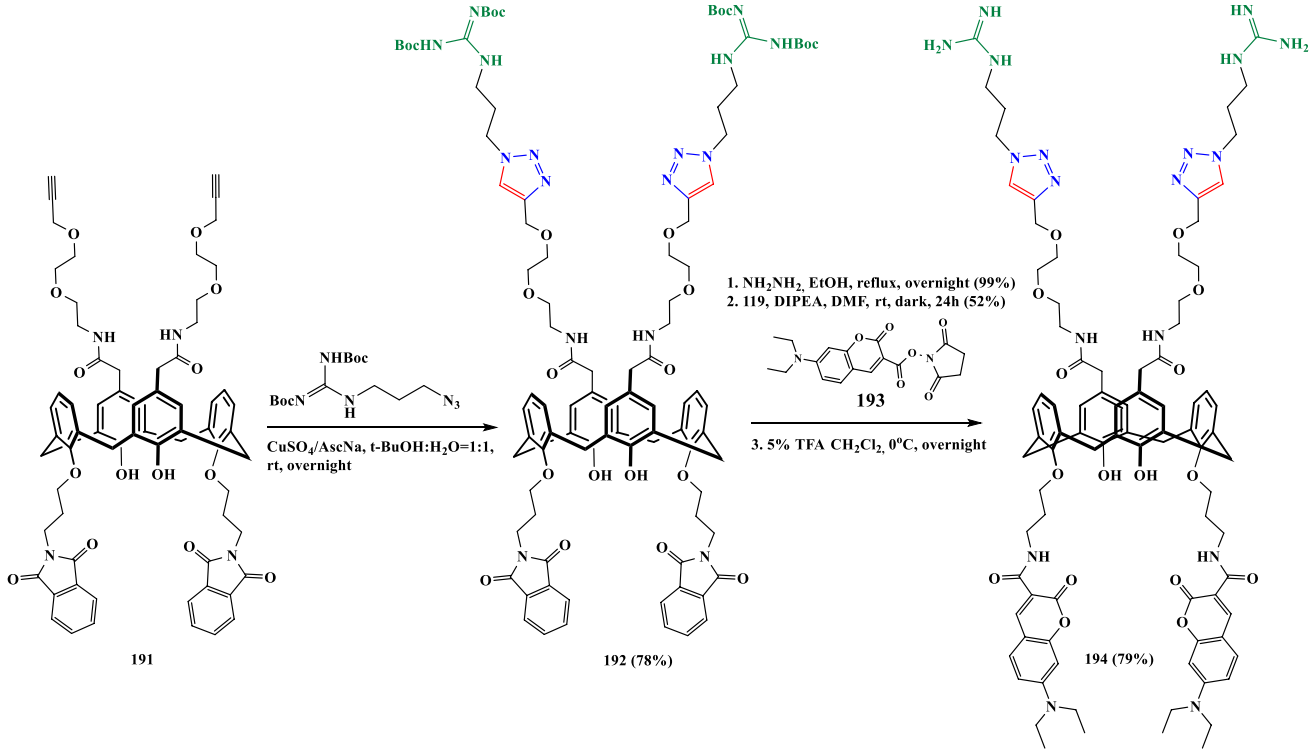


Fig. 40 Synthesis of efficient DNA transfector **194**

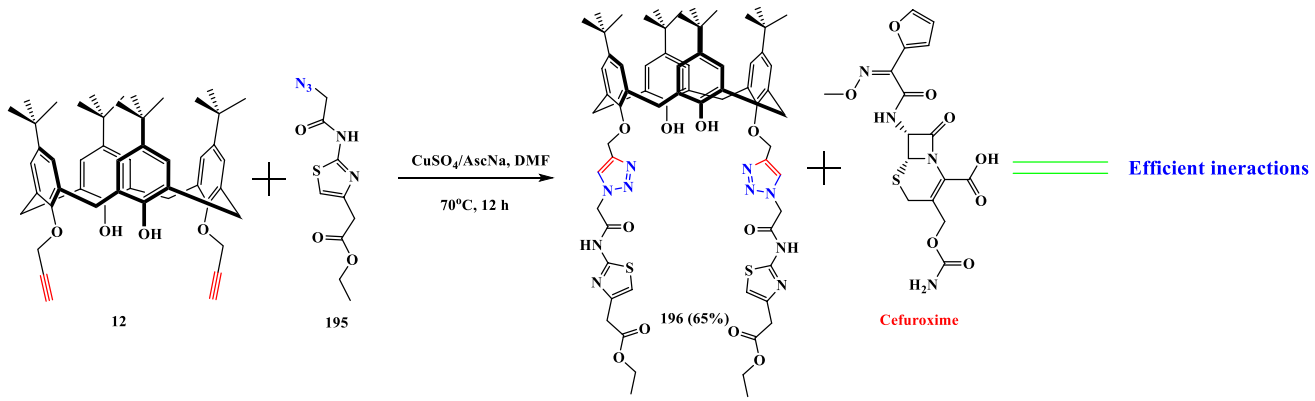


Fig. 41 Synthesis of macrocycle **196** with binding abilities toward cefuroxime

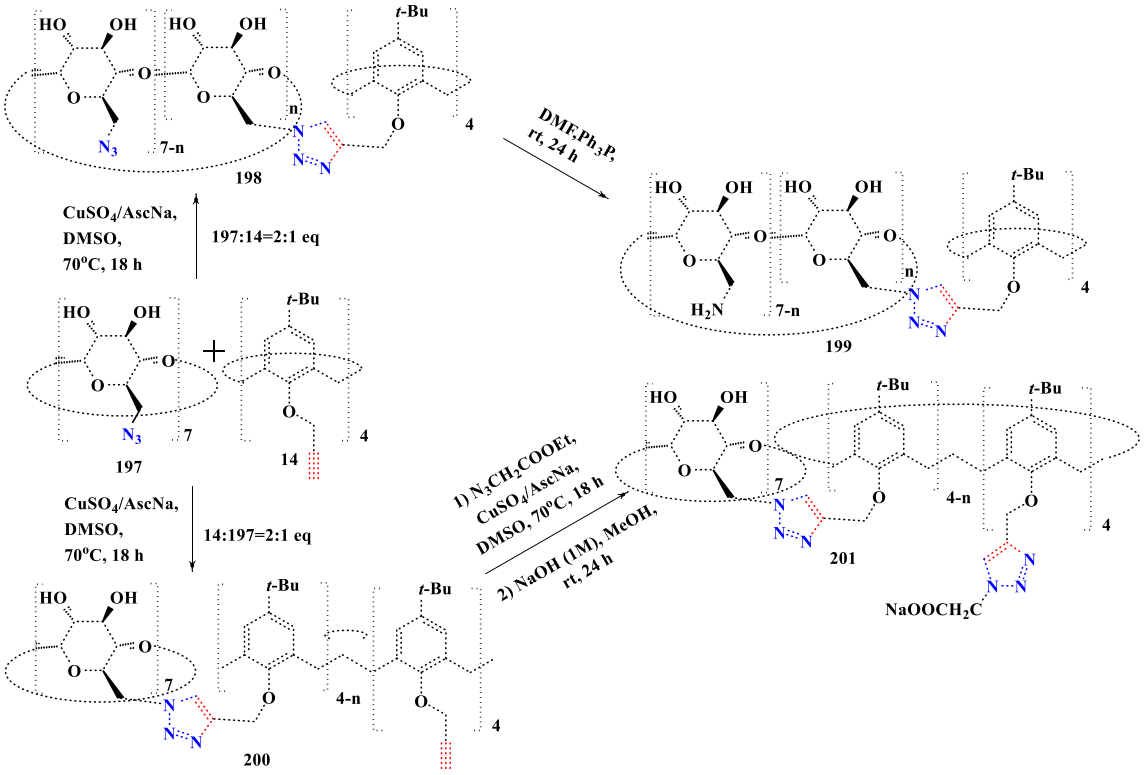


Fig. 42 Calix[4]arene-cyclodextrine copolymers used as nanosponges for delivery of tetracycline

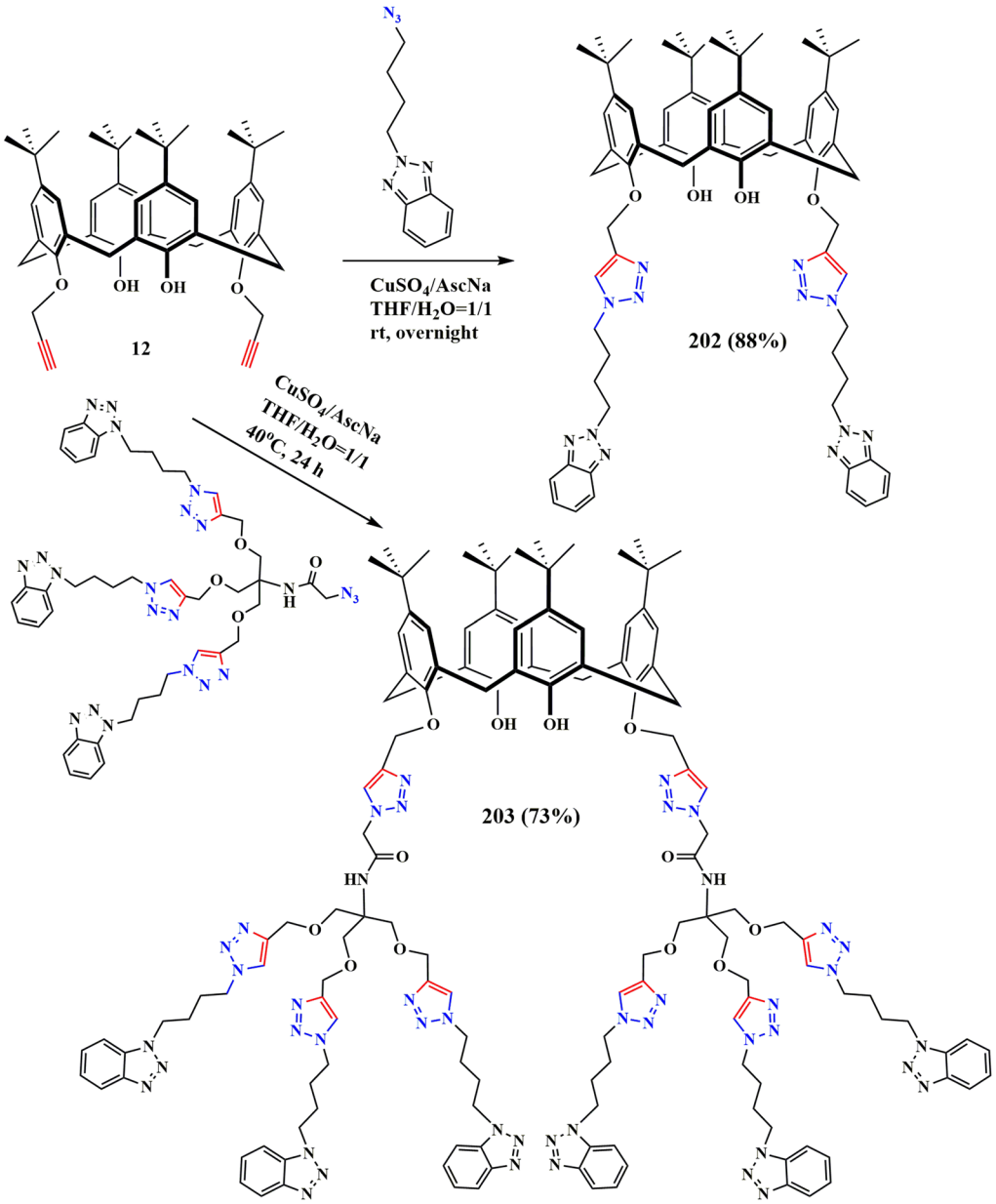


Fig. 43 Potential anti-bacterial agent **202** and triazole-dendrimer **203** based on calix[4]arene

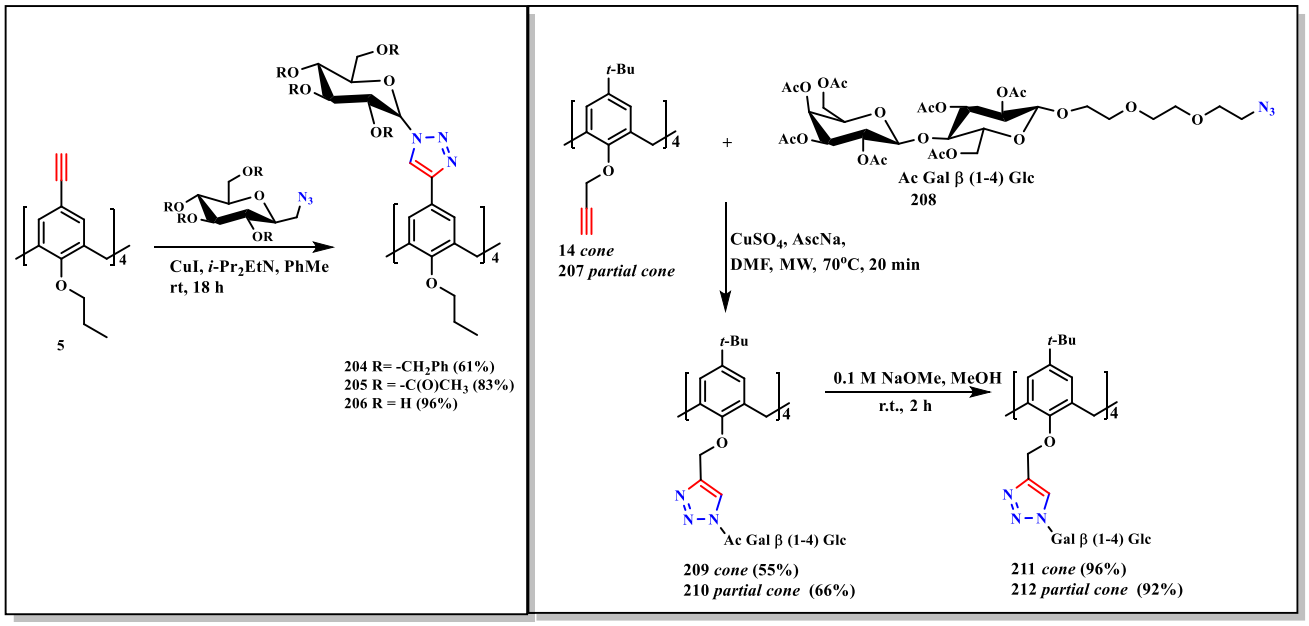


Fig. 44 Methods of introducing carbohydrates into macrocyclic structure using CuAAC reaction

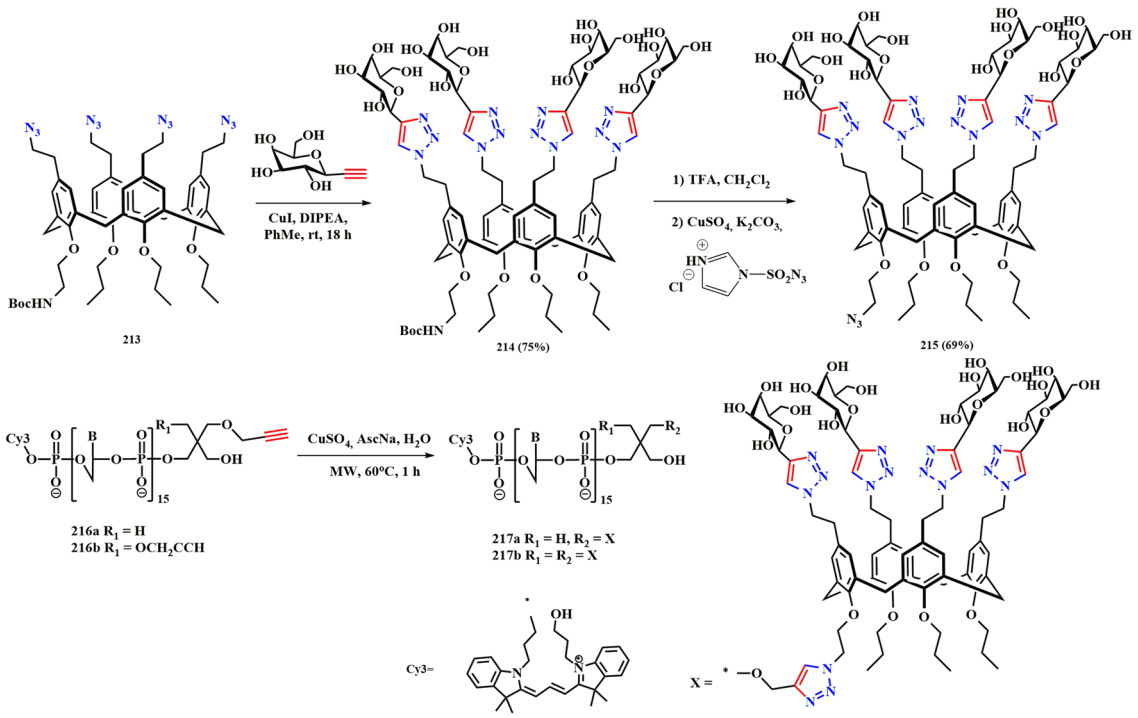


Fig. 45 Calix[4]arene glycoclusters studied for possible binding by lectins

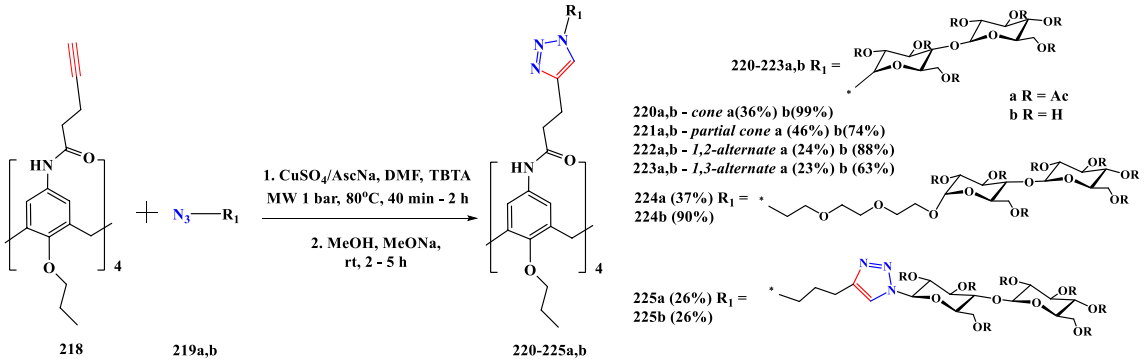


Fig. 46 Synthesis of glycocalixarenes by Konovalinkova et al

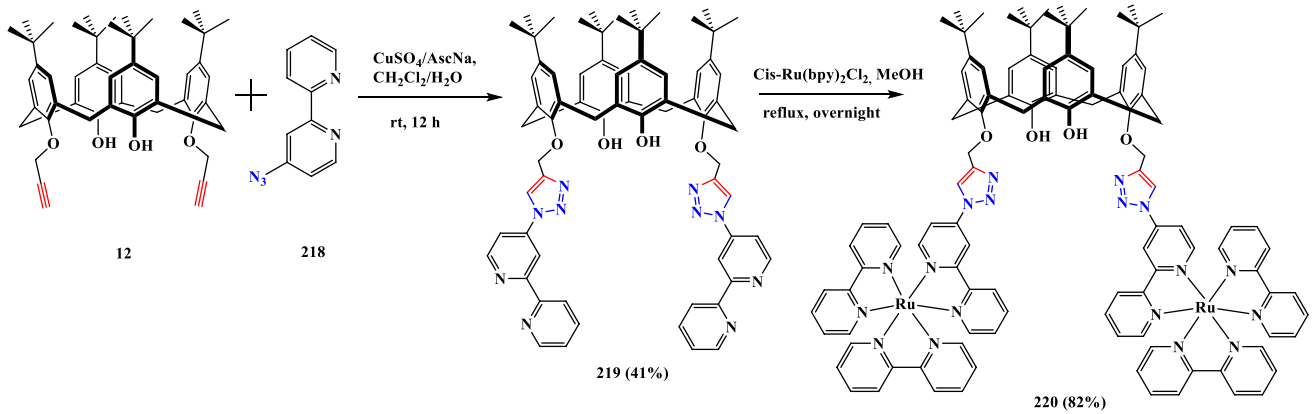


Fig. 47 Synthesis of complex **228** for cell imaging

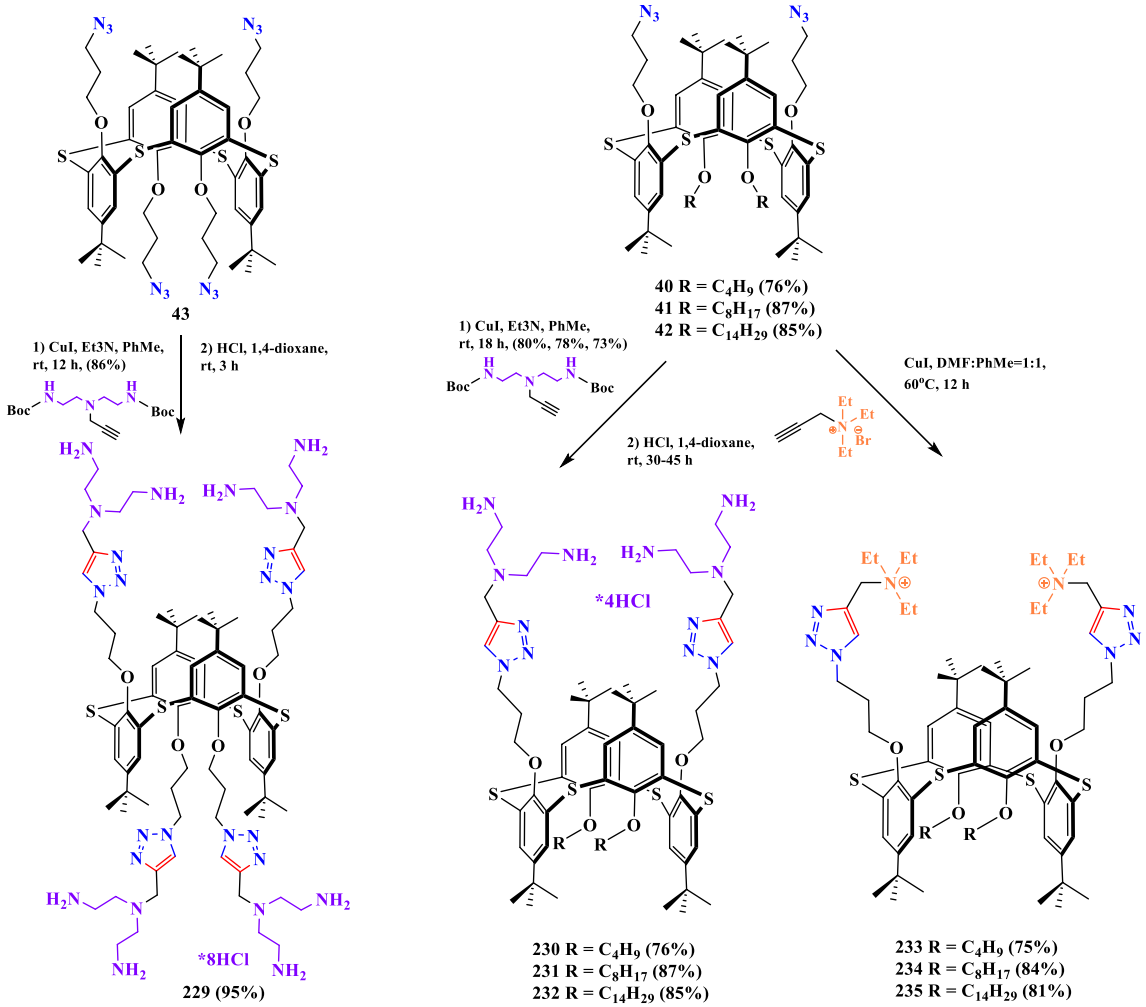
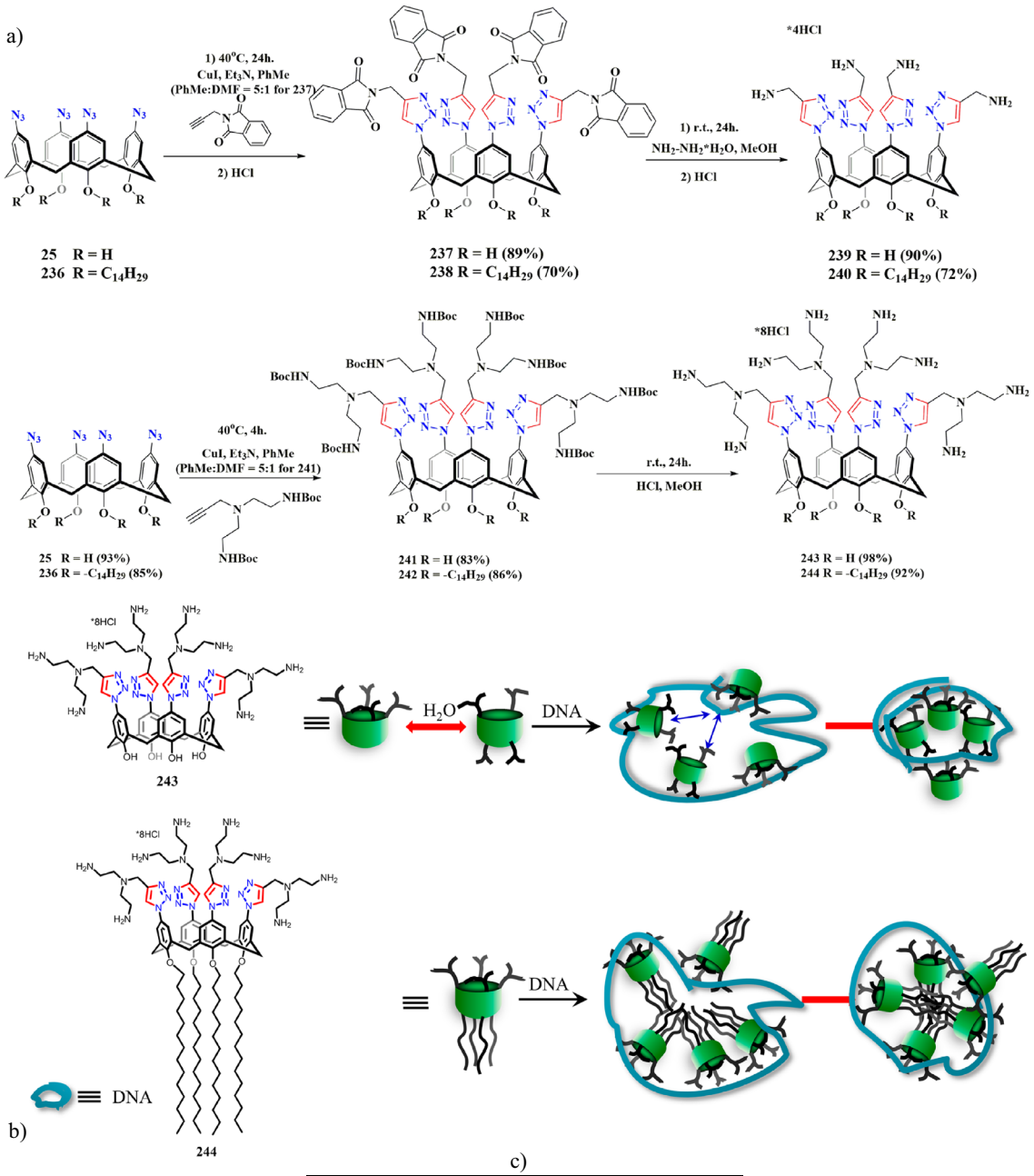


Fig. 48 CuAAC-reaction for the synthesis of amines and ammonium salts using thiacalix[4]arene *1,3-alternate*



c)

Compound	IC_{50}		
	Tumor cell lines		Normal cell lines
	MCF7	PC3	HSF
243	3.3	7.4	21.3
244	3.8	19.3	3.8

Fig. 49 **a** Synthesis of aminocalix[4]arenes, **b** schematic representation of DNA binding motive, **c** cytotoxic activity of obtained macrocycles