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**letter**

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**A Modular Approach to Functionalised Dyes**

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Abstract

A modular approach to the synthesis of sensors is described. In this approach a central dye scaffold, prepared from the SNAr reaction between a halo-substituted azo-dye and a disubstituted phenol, was decorated with a representative carbohydrate or macrocycle using Sharpless click chemistry. Regiochemical issues in the click reaction are also addressed.

Key words

azo-dye - recognition - click - macromolecule - crown ethers - cycloaddition - regiocontrol - aziridine - scaffold - sensors

Supporting Information

Supporting information for this article is available online at http://dx.doi.org/10.1055/s-0035-1561269.

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