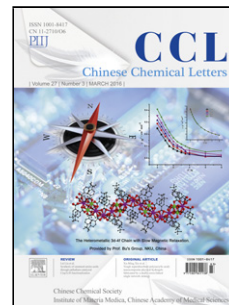


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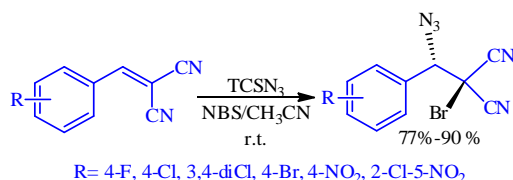
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## Graphical Abstract

## Utilization of bromine azide to access vicinal-azidobromides from arylidene malononitrile

Hanan A. Soliman,<sup>\*a</sup> Tamer K. Khatab,<sup>b</sup> Farouk M. E. Abdel-Megeid<sup>a</sup><sup>a</sup>Photochemistry Department, National Research Centre, Dokki 12622, Egypt<sup>b</sup>Organometallic and Organometalloid Chemistry Department, National Research Centre, Dokki 12622, Egypt

An efficient approach for tetrachlorosilane as an *in situ* mediated transformation via a one-pot, synthesis of vicinal bromoazides through the generation of BrN<sub>3</sub> from azidochlorosilane and *N*-bromosuccinimide in acetonitrile as a solvent at ambient temperature is achieved. The molecular docking study was carried out to better understand the orientation and interaction of each synthesized molecule with TPP riboswitches.

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