Supplementary Materials

New Synthesis and Nitration of 1,2-Bis(5-aminotetrazol-1-yl)ethane

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Safety Precautions

While we have experienced no difficulties with the impact instability of the 1,2-bis(5-aminotetrazol-1-yl)ethane (2) and 1,2-bis(5-nitroiminotetrazol-1-yl)ethane (3). Manipulations must be carried out in a hood behind a safety shield. Eye protection and leather gloves must be worn. Caution should be exercised at all times during the synthesis, characterization, and handling of any of these materials, and mechanical actions involving scratching or scraping must be avoided.

General Methods

¹H and ¹³C NMR spectra were recorded on a 300 MHz (Bruker AVANCE 300) nuclear magnetic resonance spectrometers operating at 300.13 and 75.48 MHz, respectively, by using DMSO[D₆] as solvent and locking solvent unless otherwise stated.

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