Supramolecular isomerism within three-dimensional 3-connected nets: Unusual synthesis and characterization of trimorphic copper(I) 3,5-dimethyl-1,2,4-triazolate

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Figure 1a. Perspective views of two fold interpenetrated 4.8.10 nets in 1. (Left: along the \(c\)-axis, right: along the \(a\)-axis)

Figure 1b. Perspective views of two fold interpenetrated \(4^28^4\) nets in 1. (Left: along the \(c\)-axis, right: along the \(a\)-axis)

Figure 2. Projections of 4.8.10, \(8^210\)-a, and \(4.14^2\) nets.
Figure 3. IR spectra of 1-3.

Figure 4a. XRD pattern of 1.
Figure 4b. XRD pattern of 2.

Figure 4c. XRD pattern of 3.

Figure 5. Photographs of the three isomers