Figure 1: X-ray powder diffraction pattern of compound 1 showing the observed (blue) vs. calculated (red) patterns overlaid.
Figure 2: X-ray powder diffraction pattern of compound 2 showing the observed (blue) vs. calculated (red) patterns overlaid.
Figure 3: X-ray powder diffraction pattern of compound 3 showing the observed (blue) vs. calculated (red) patterns overlaid.
Figure 4: The stacking of the sheets of compound 1 viewed down the [010] direction.
Figure 5: A view down the [100] direction illustrating the packing of the one-dimensional chains of compound 4.
Figure 6: The packing of the one-dimensional chains of compound 6.
Figure 7: Compound 8 as viewed down the x-axis.
Figure 8: Emission spectra of compound 1 at different wavelengths (300, 365 and 424 nm) with low sensitivity and excitation/emission (1.5/1.5) slits.
Figure 9: Emission spectra of compound 2 at different wavelengths (300, 365 and 424 nm) with low sensitivity and excitation/emission (1.5/1.5) slits.
Figure 10: Emission spectra of compound 3 at different wavelengths (300, 365 and 424 nm) with low sensitivity and excitation/emission (3.0/1.5) slits.
Figure 11: Absorbance spectrum of compound 3 taken on a Jasco V-570 Version 1.0 Spectrometer with 1.0 nm band width and fast response.
Figure 12: Emission spectra of compound 3 at different wavelengths with low sensitivity and excitation/emission (1.5/1.5) slits.