Supplementary Information

In order to confirm the bulk properties of the crystals, two additional unit cells were collected for both **8·Py** and **9·Py**. These are listed below, along with the original unit cell dimensions for full data collections.

Original unit cell from the crystal data for 8·Py:
a = 12.2237(6), b = 22.4428(11), c = 24.2799(12) Å, α = 64.188(3), β = 89.399(3), γ = 88.268(3)°
Additional unit cell 1:
a = 12.20, b = 23.05, c = 24.61 Å, α = 64.34, β = 89.81, γ = 88.99°
Additional unit cell 2:
a = 12.38, b = 22.73, c = 24.42 Å, α = 63.96, β = 89.50, γ = 88.37°

Original unit cell from the crystal data for 9·Py:
a = 12.236(2), b = 13.141(3), c = 22.319(5) Å, α = 92.18(3), β = 100.82(3), γ = 99.60(3)°.
Additional unit cell 1:
a = 12.25, b = 13.24, c = 22.40 Å, α = 92.07, β = 100.73, γ = 99.67°.
Additional unit cell 2:
a = 12.25, b = 13.22, c = 22.38 Å, α = 92.18, β = 100.91, γ = 99.47°.