

Abstract

The reactions of CoBr_2 with oxalic acid and BPE (1,2-bis(4-pyridyl)ethane) or DPA (2,2'-dipyridylamine) under hydrothermal conditions resulted in projected two-dimensional coordination polymers $[(\text{C}_2\text{O}_4)\text{Co}(\text{BPE})]_\infty$ and $[(\text{C}_2\text{O}_4)\text{Co}(\text{DPA})]_\infty$