



STRUCTURAL  
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**Supporting information for article:**

**Crystal structures and spectroscopic characterization of  $MBr_2(CNXyl)_n$  ( $M = Fe$  and  $Co$ ,  $n = 4$ ;  $M = Ni$ ,  $n = 2$ ;  $Xyl = 2,6$ -dimethylphenyl), and of formally zero-valent iron as a cocrystal of  $Fe(CNXyl)_5$  and  $Fe_2(CNXyl)_9$**

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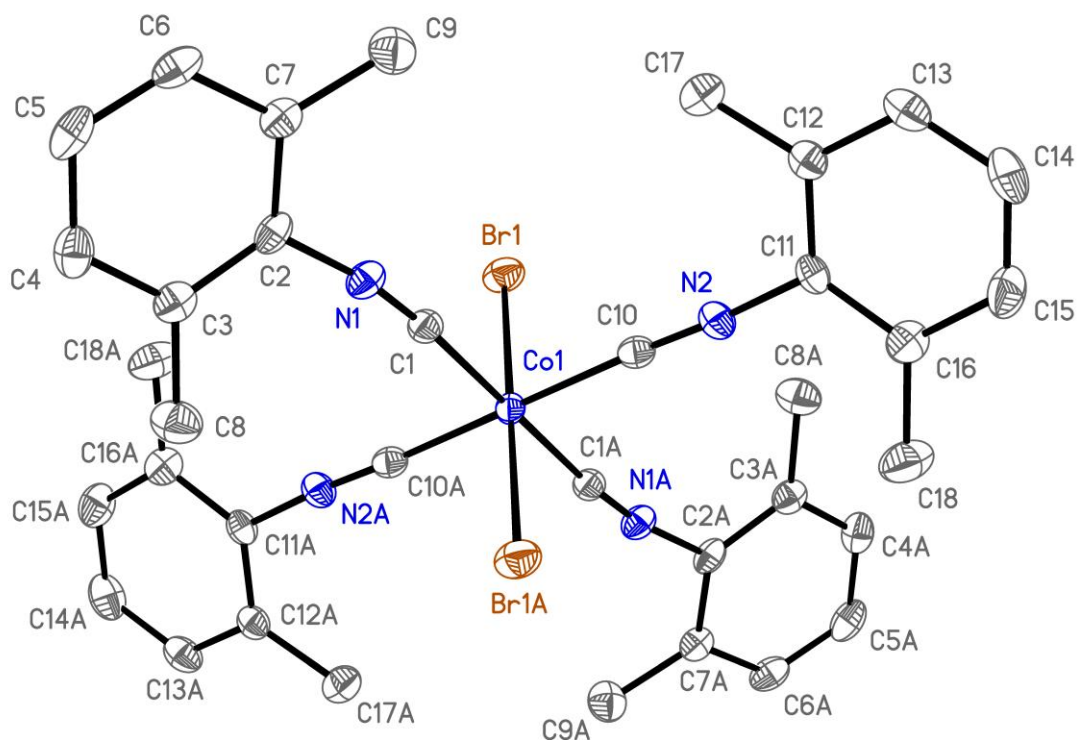


Fig. S1 Anisotropic displacement ellipsoid plot of **4**, drawn at the 50% probability level and with H atoms omitted. The symmetry-equivalent portion is generated by the inversion operation  $(-x, -y + 1, -z + 1)$  (symmetry code A).