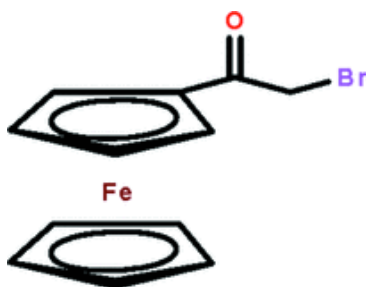


## metal-organic compounds

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**(2-Bromoacetyl)ferrocene****X.-X. Wu, X. Zhu, Q.-J. Ma, S. W. Ng and E. R. T. Tiekink**

**Abstract:** In the title molecule,  $[\text{Fe}(\text{C}_5\text{H}_5)(\text{C}_7\text{H}_6\text{BrO})]$ , the C atoms of the substituted ring have disparate Fe-C bond lengths compared with the unsubstituted ring. In the bromoacetyl residue, the Br and O atoms are co-planar [the O-C-C-Br torsion angle is  $5.7(4)^\circ$ ] and are *syn* to each other. Helical supramolecular chains along the *b* axis are formed in the crystal structure mediated by C-H...O contacts; the carbonyl-O atom is bifurcated. The chains are linked into layers by C-H... $\pi$ (unsubstituted ring) interactions that stack along the *a*-axis direction.