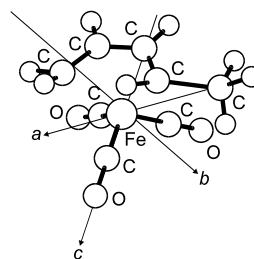
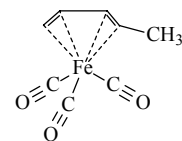


835
MW $\text{C}_8\text{H}_8\text{FeO}_3$ **Tricarbonyl(*trans*-1,3-pentadiene)iron**
Tricarbonyl[(1,2,3,4- η)-(E)-1,3-pentadiene]iron C_1

Of the two possible isomers, only *trans* was detected.
The potential barrier to internal rotation of the methyl group was determined to be 767.5 cm^{-1} .



Indris, O., Stahl, W.: Phys. Chem. Chem. Phys. **2** (2000) 319.