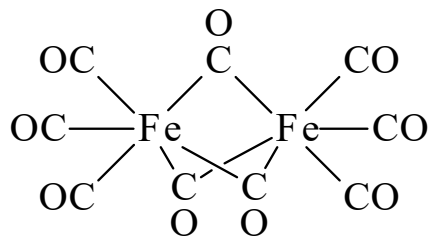
>>**Entry Name: Tri-μ-carbonylhexacarbonyldiiron,** 9CI
Synonym(s): Nonacarbonyldiiron. Diiron enneacarbonyl. Iron carbonyl ($Fe_2(CO)_9$)



CAS Registry Number: 15321-51-4

Molecular Formula: $C_9Fe_2O_9$
Molecular Weight: 363.788
Accurate Mass: 363.824113
Percentage Composition: C 29.71%; Fe 30.70%; O 39.58%
Source/Synthesis: Synth. by photol. of $Fe(CO)_5$
Use/Importance: Precursor to organoiron carbonyl complexes
Physical Description: Orange hexagonal leaflets
Melting Point: Mp 80 dec.°
Solubility: Insol. org. solvs.
Other Data: Dec. at 100-120°

Aldrich: 22546-0
Fluka: 44947

References:

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