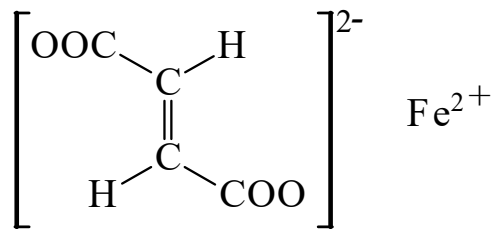




>>Entry Name: Iron(II) fumarate

ENTRY UNDER REVIEW

Synonym(s): Ferrous fumarate, JAN, USAN. Iron(II) (E)-1,2-butenedioate. Feostat. Ferrocap. Toleron. Many other names



CAS Registry Number: 141-01-5

Related CAS Registry Numbers(s): 7705-12-6

Molecular Formula: C₄H₂FeO₄

Molecular Weight: 169.904

Accurate Mass: 169.930249

Percentage Composition: C 28.28%; H 1.19%; Fe 32.87%; O 37.67%

Source/Synthesis: Synth. from FeSO₄ + Na fumarate in H₂O

Use/Importance: Haematinic

Physical Description: Air-stable red-brown solid

Melting Point: Mp 280°

Solubility: Insol. EtOH; sl. sol. H₂O

Hazard & Toxicity: LD_{Lo} (wmn, orl) 400 mg/kg. LD₅₀ (rat, orl) 3850 mg/kg

Sigma: F5381

References:

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