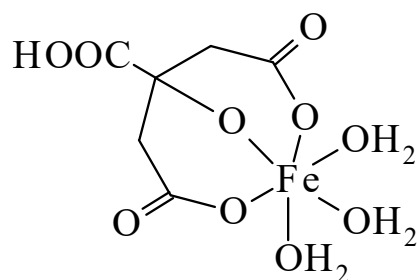




>>Entry Name: Triaqua[hydrogencitrato(3-)]iron



CAS Registry Number: 61927-79-5

Extra CAS Registry Numbers(s): 2338-05-8

Molecular Formula: C₆H₁₁FeO₁₀

Molecular Weight: 298.994

Accurate Mass: 298.970164

Percentage Composition: C 24.10%; H 3.71%; Fe 18.68%; O 53.51%

>>**Derivative:** Compd. with choline

Synonym(s): Ferrocholate, INN. Ferrocholine. Ferrocholate. Chelafer. Chel-Iron. Many other names

CAS Registry Number: 1336-80-7

Molecular Formula: C₁₁H₂₄FeNO₁₁

Molecular Weight: 402.158

Accurate Mass: 402.069878

Percentage Composition: C 32.85%; H 6.01%; Fe 13.89%; N 3.48%; O 43.76%

Use/Importance: Haematinic

Physical Description: Brown amorph. powder

Hazard & Toxicity: LD₅₀ (mus, orl) 5500 mg/kg

Sigma: I7756

References:

U.S. Pat., 1951, *Flint Eaton*, 2 575 611; *CA*, **46**, 1722g, (*synth, Ferrocholate*)

Chakrabarti, J.K. *et al.*, *Chem. Ind. (London)*, 1961, 1407, (*synth, pharmacol, Ferrocholate*)

Miller, E.R. *et al.*, *J. Anim. Sci.*, 1981, **52**, 783, (*use*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 976

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., *Akademie-Verlag*, 1994, 425, (*synonyms*)

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