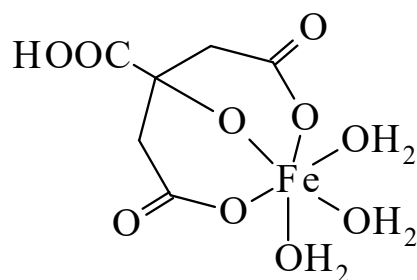




>>Entry Name: Triaqua[hydrogencitrato(3-)]iron



CAS Registry Number: 61927-79-5

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

Molecular Formula: $C_6H_{11}FeO_{10}$

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: $C_{11}H_{24}FeNO_{11}$

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)

Lewis, R.J., Sax's Dangerous Properties of Industrial Materials, 8th edn., Van Nostrand Reinhold, 1992, FBC100