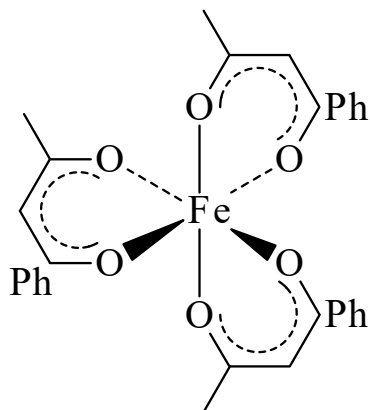




>>Entry Name: Tris(1-phenyl-1,3-butanedionato-*O,O'*)iron(III)



CAS Registry Number: 14323-17-2

Molecular Formula: C₃₀H₂₇FeO₆

Molecular Weight: 539.387

Accurate Mass: 539.115704

Percentage Composition: C 66.80%; H 5.05%; Fe 10.35%; O 17.80%

Use/Importance: Catalyst, electrocatalyst, used in imaging

Physical Description: Red-brown solid

Melting Point: Mp 210-212°

Other: Gelest AKI396

References:

Fay, R.C. *et al.*, *J.A.C.S.*, 1962, **84**, 2303, (*synth*)

Bancroft, G.M. *et al.*, *J.C.S.(A)*, 1967, 1966, (*Mössbauer, synth*)

Hancock, R.D. *et al.*, *J. Mol. Struct.*, 1969, **4**, 361, (*uv*)

Blomquist, J. *et al.*, *Inorg. Chim. Acta*, 1983, **69**, 17, (*esca, Mössbauer*)

Baidina, I.A. *et al.*, *Koord. Khim.*, 1986, **12**, 258, (*cryst struct*)