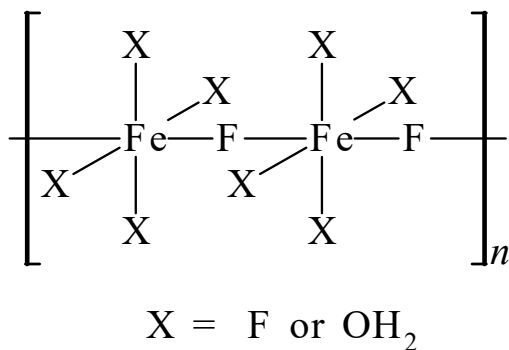




>>Entry Name: **Diaquatrifluoroiron(III)**

Synonym(s): Iron(III) fluoride dihydrate. Ferric fluoride dihydrate



Molecular Formula: F₃FeH₄O₂

Molecular Weight: 148.873

Accurate Mass: 148.951278

Percentage Composition: F 38.28%; Fe 37.51%; H 2.71%; O 21.49%

General Statement: Obt. as monohydrate

Source/Synthesis: Synth. from Fe₂O₃.nH₂O + HF

>>**Derivative:** Monohydrate

Synonym(s): Iron(III) fluoride trihydrate. Ferric fluoride trihydrate

CAS Registry Number: 15469-38-2

Physical Description: Cryst.

Aldrich: 33449-9

References:

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Teufer, G., *Acta Cryst.*, 1964, **17**, 1480, (*cryst struct*)

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