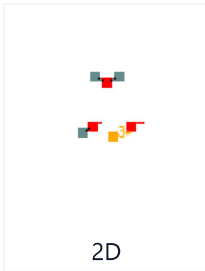

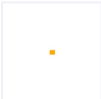



## COMPOUND SUMMARY

# Ferric oxide Yellow

PubChem CID	23320441
Structure	 2D
Chemical Safety	<a href="#">Laboratory Chemical Safety Summary (LCSS) Datasheet</a>
Molecular Formula	$\text{FeH}_3\text{O}_3$
Synonyms	Ferric oxide Yellow Ferric oxide, yellow Bayferrox 920 UNII-EX438O2MRT Iron hydroxide oxide yellow <a href="#">View More...</a>
Molecular Weight	106.87 g/mol <i>Computed by PubChem 2.2 (PubChem release 2021.10.14)</i>
Component Compounds	 <a href="#">CID 962 (Water)</a>  <a href="#">CID 23925 (Iron)</a>  <a href="#">CID 190217 (Oxide)</a>
Dates	Create: 2007-12-05 Modify: 2024-05-25

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## 1 Structures

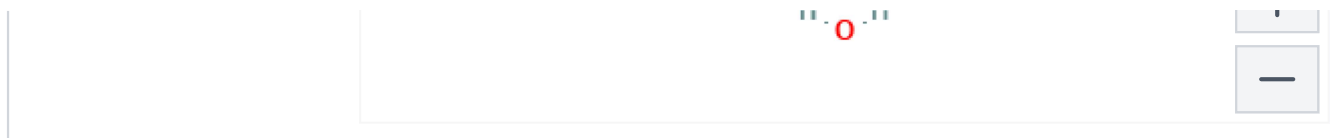


### 1.1 2D Structure



Chemical Structure Depiction

Search, image, and download icons are visible in the top right corner of the viewer. A zoom in (+) and zoom out (-) icon are visible at the bottom right.



▶ [PubChem](#)

## 1.2 3D Status



Conformer generation is disallowed since MMFF94s unsupported element, mixture or salt

▶ [PubChem](#)

## 2 Names and Identifiers



### 2.1 Computed Descriptors



#### 2.1.1 IUPAC Name



iron(3+);oxygen(2-);hydroxide;hydrate

*Computed by Lexichem TK 2.7.0 (PubChem release 2021.10.14)*

▶ [PubChem](#)

#### 2.1.2 InChI



InChI=1S/Fe.2H2O.O/h;2\*1H2;/q+3;;;-2/p-1

*Computed by InChI 1.0.6 (PubChem release 2021.10.14)*

▶ [PubChem](#)

#### 2.1.3 InChIKey



LDHBWEYLDHLIBQ-UHFFFAOYSA-M

*Computed by InChI 1.0.6 (PubChem release 2021.10.14)*

▶ [PubChem](#)

#### 2.1.4 Canonical SMILES

