

# Ferric nitrate

**Inchi:** InChI=1S/Fe.3NO3.H2O/c;3\*2-1(3)4;/h;;;;1H2/q+3;3\*-1;  
**InchiKey:** DKZQBCICHVGQIK-UHFFFAOYSA-N  
**Formula:** FeH2N3O10  
**SMILES:** O.O=[N+](O-)[O][Fe](O[N+](=O)[O-])O[N+](=O)[O-]  
**Mol. weight [g/mol]:** 259.88

## Sources

**Thermodynamic Modeling of Apparent Molal Volumes of Metal Nitrate Salts with Pitzer Model:** <https://www.doi.org/10.1021/je5009894>  
**Solid-liquid equilibria of the binary system (Mn(NO<sub>3</sub>)<sub>2</sub>+ H<sub>2</sub>O) and the Electrical Conductivity of Electrolytes. From the NaCl-H<sub>2</sub>O System (5 to 90) deg C :** <http://webbook.nist.gov/cgi/cbook.cgi?ID=B6000535&Units=SI>  
<https://www.doi.org/10.1016/j.fluid.2018.03.008>  
<https://www.doi.org/10.1021/je101012n>

Latest version available from:

<https://www.cheméo.com/cid/31-162-7/Ferric-nitrate.pdf>

Generated by Cheméo on 2024-05-03 03:16:41.099794655 +0000 UTC m=+16995450.020371971.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.