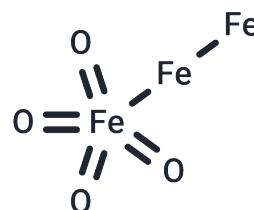


Magnetite

Chemical Properties

CAS No. :	1309-38-2
Formula:	Fe ₃ O ₄
Molecular Weight:	231.53
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ferumoxytol (Magnetic Black) is a non-gadolinium based contrast agent for use in magnetic resonance imaging applications.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3191 mL	21.5955 mL	43.1909 mL
5 mM	0.8638 mL	4.3191 mL	8.6382 mL
10 mM	0.4319 mL	2.1595 mL	4.3191 mL
50 mM	0.0864 mL	0.4319 mL	0.8638 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Blaney L. Magnetite (Fe₃O₄): Properties, synthesis, and applications[J]. 2007.
Insights into the enhanced uranium reduction efficiency through extracellular polymeric substances from *Desulfovibrio vulgaris* UR1 induced by mediating materials

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