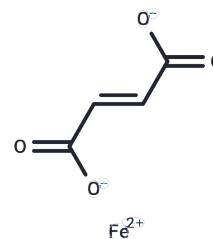


Iron(II) fumarate

Chemical Properties

CAS No. :	141-01-5
Formula:	C ₄ H ₂ FeO ₄
Molecular Weight:	169.9
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	Iron(II) fumarate (Iron Fumarate) is the iron(II) salt of fumaric acid, a reddish-orange powder, applied to supply iron intake.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8858 mL	29.4291 mL	58.8582 mL
5 mM	1.1772 mL	5.8858 mL	11.7716 mL
10 mM	0.5886 mL	2.9429 mL	5.8858 mL
50 mM	0.1177 mL	0.5886 mL	1.1772 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

García-Casal MN, Leets I. J Food Sci. 2014 Apr;79(4):H706-12.

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