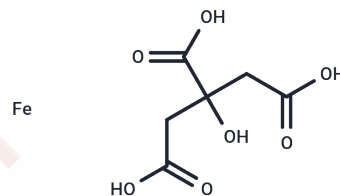


Ferric citrate

Chemical Properties

CAS No. :	28633-45-6
Formula:	C ₆ H ₈ FeO ₇
Molecular Weight:	247.968
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	Ferric citrate as a source of iron used in cell culture applications can provide iron with a less toxic form compared to free iron salts.
Targets(IC50)	Others, Reactive Oxygen Species, Antibiotic, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0327 mL	20.1637 mL	40.3275 mL
5 mM	0.8065 mL	4.0327 mL	8.0655 mL
10 mM	0.4033 mL	2.0164 mL	4.0327 mL
50 mM	0.0807 mL	0.4033 mL	0.8065 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.

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