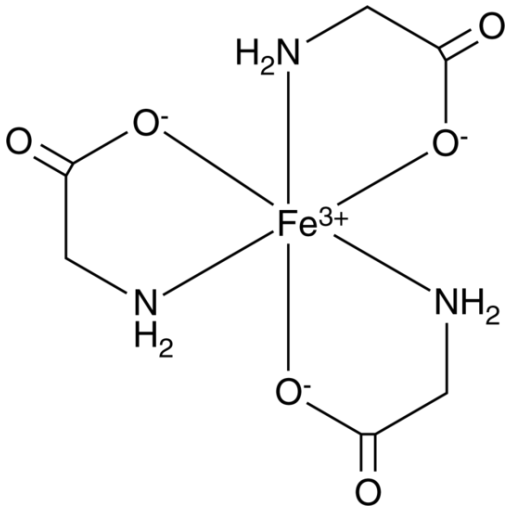
Product Data Sheet

Product Name: Ferrous trisglycinate
Cat. No.: GC91639

Chemical Properties

Cas. No.	34369-82-9		
Formula	$C_6H_{12}FeN_3O_6$	M.Wt	278
Solubility	PBS (pH 7.2): 10 mg/ml	Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Ferrous trisglycinate is an iron amino acid chelate.[1],[2] Formulations containing ferrous trisglycinate have been used as dietary fortifying agents to prevent iron deficiency and anemia.

References:
[1].Bovell-Benjamin, A.C., Viteri, R.E., and Allen, L.H.Iron absorption from ferrous bisglycinate and ferric trisglycinate in whole maize is regulated by iron statusAm. J. Clin. Nutr.71(6)1563-1569(2000).
[2].Pizzaro, F., Uicich, R., Olivaries, M., et al.Iron absorption of ferric glycinate is controlled by iron storesNutr. Res.18(1)3-9(1998).

Caution: Product has not been fully validated for medical applications. For research use only.
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