

## Product Data Sheet

Product Name: Ferrous gluconate

Cat. No.: GF11547

### Chemical Properties

Cas. No. 299-29-6

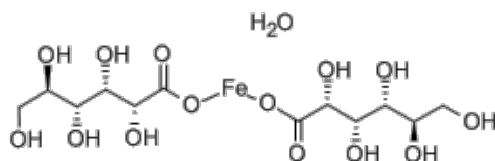
Formula  $C_{12}H_{22}FeO_{14}$  M.Wt 446.14

Solubility DMSO : 100 mg/mL(224.14 mM; Need ultrasonic) Storage 4°C, stored under nitrogen

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



### Background

Ferrous gluconate is an orally active iron supplement used in the research of iron deficiency diseases<sup>[1]</sup>.

References:

[1].Dubiel S M,et al. Effect of time and storing conditions on iron forms in ferrous gluconate and Ascofer®. Journal of Molecular Structure, 2011, 991(1-3): 171-177.

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

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