

Product Name: Iron(II) gluconate dihydrate, 94%
Catalog Number: B24561.36

CAS Number: 22830-45-1
IUPAC Name: λ^2 -iron(2+) bis((2R,3S,4R,5R)-2,3,4,5,6-pentahydroxyhexanoate) dihydrate
Molecular Formula: C₁₂H₂₆FeO₁₆
Molecular Weight: 482.17
MDL Number: MFCD00150872
InChI Key: OKGNXSFAYMSVNN-SYAJEJNSSA-L
SMILES: O.O.[Fe++].OC[C@@H](O)[C@@H](O)[C@H](O)[C@@H](O)C([O-])=O.OC[C@@H](O)[C@@H](O)[C@H](O)[C@@H](O)C([O-])=O
Synonym: ferrous gluconate dihydrate

Product Specification

Appearance (Color): White to cream or green to grey or pale yellow/grey
Form: Powder
Loss on Drying: <13.0%
Identification (FTIR): Conforms
Optical Rotation: +8? \pm 3? (c=1 in Water)
Assay from Supplier's CofA: \geq 11.0% (% Fe)

Date Of Print: 04/24/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.