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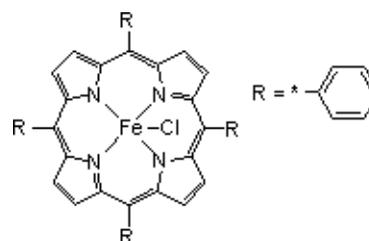
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Product Specification

Product Name:
5,10,15,20-Tetraphenyl-21H,23H-porphine iron(III) chloride - ≥94% (HPLC)

Product Number: 259071
CAS Number: 16456-81-8
MDL: MFCD00012152
Formula: C₄₄H₂₈ClFeN₄
Formula Weight: 704.02 g/mol



TEST

Specification

Appearance (Color)	Light Purple to Very Dark Purple
Appearance (Form)	Powder or Solid or Crystals or Crystalline Chunk(s) or Chunk(s)
Infrared spectrum	Conforms to Structure
Carbon	70.5 - 79.6 %
Nitrogen	7.4 - 8.4 %
Wavelength	414 - 420 nm
Extinction Coefficient in CHCl ₃	≥ 80000
Purity (HPLC)	≥ 94.0 %

Specification: PRD.0.ZQ5.10000028380

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.