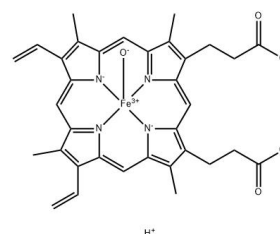


Technical Data Sheet

HEMATIN

Compound Information

Product Name:	HEMATIN
CAS No.:	15489-90-4
Molecular Formula:	C ₃₄ H ₃₁ FeN ₄ O ₅ ⁻
Molecular Weight:	631.49
Storage:	Store at 0-8 °C
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Appearance	Black crystals with metallic luster
Solubility	DMF (Slightly), DMSO (Slightly, Heated, Sonicated), Pyridine (Slightly, Heated,
Cation	Potassium Content (IC): ≤4%
Water Content (Karl Fisher)	≤ 3.0%
Purity by HPLC	≥ 97%
Additional Information	UV Wavelength λ _{max} : 385 ± 2 nm (0.009 mg/mL in 0.1N NaOH)
MS	Pass test
IR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with anyother materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of thedate indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability orcompleteness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user'sresponsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.