

Chem-Impex International, Inc.

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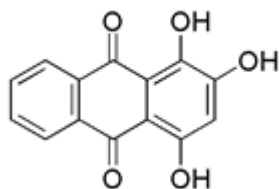
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	22772
Product	1,2,4-Trihydroxy-9,10-anthracenedione Purpurin CI 58205
CAS Number	81-54-9
Molecular Formula	C ₁₄ H ₈ O ₅
Molecular Weight	256.21

Appearance	Dark red to orange brown powder
Solubility	Dark red to purple solution (1 mg/ml in NH ₄ OH)
Melting Point	253 - 256 °C
pH	3.8 - 4.5
UV Ratios	E (485 ± 3 nm) in methanol
Extinction Co-Efficient	ε (257 ± 3 nm) ≥ 17000 ε (514 ± 3 nm) ≥ 6000 ε (485 ± 3 nm) ≥ 7000
Loss on Drying	≤ 1.5%
Related Substances	Alizarin content : ≤ 3%
Purity by HPLC	≥ 95%
Storage	Store at RT

For Laboratory Use Only