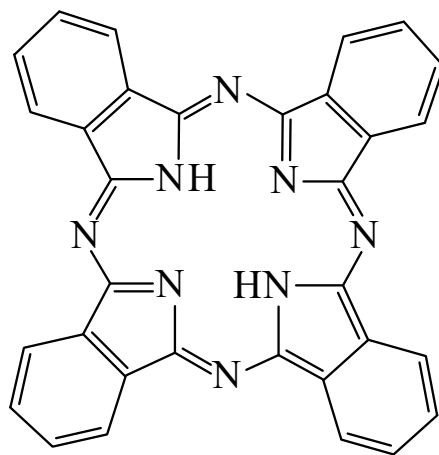




>>Entry Name: Phthalocyanine

Synonym(s): Tetrabenztetraazaporphyrin. Tetrabenzo[*b,g,l,q*]porphyrazine



CAS Registry Number: 574-93-6

Molecular Formula: C₃₂H₁₈N₈

Molecular Weight: 514.548

Accurate Mass: 514.165442

Percentage Composition: C 74.70%; H 3.53%; N 21.78%

Use/Importance: Very stable dyestuff

Physical Description: Greenish-blue cryst. with purple reflex (quinoline)

Other Data: Sublimes under high vac. at 550° dec. Metal complexes and halogenated and sulfonated derivs. are widely used as dyestuffs. Polymorphic, with β-form stable

Aldrich: 25310-3

Fluka: 79810

Sigma: P2282

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