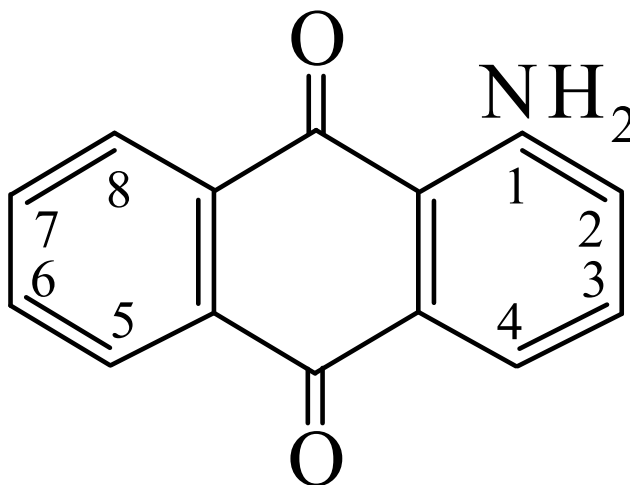




>>Entry Name: 1-Aminoanthraquinone

Synonym(s): α -Aminoanthraquinone



CAS Registry Number: 82-45-1

Molecular Formula: $C_{14}H_9NO_2$

Molecular Weight: 223.231

Accurate Mass: 223.063329

Percentage Composition: C 75.33%; H 4.06%; N 6.27%; O 14.33%

Use/Importance: Dyestuff intermediate

Physical Description: Orange to red cryst.

Melting Point: Mp 253-254°

Hazard & Toxicity: Eye irritant. LD₅₀ (rat, ipr) 1500 mg/kg

Aldrich: A3900-9

Fluka: 6770

>>Derivative: *N*-Ac

Molecular Formula: $C_{16}H_{11}NO_3$

Molecular Weight: 265.268

Accurate Mass: 265.073894

Percentage Composition: C 72.45%; H 4.18%; N 5.28%; O 18.09%

Physical Description: Yellow or orange-red needles

Melting Point: Mp 218°