



Percentage Composition: C 77.06%; H 4.00%; N 4.28%; O 14.66%

Physical Description: Olive-green cryst.

Melting Point: Mp 255°

>> **Derivative:** *N*-Me

Synonym(s): 1-Methylaminoanthraquinone

CAS Registry Number: 82-38-2

Molecular Formula: C₁₅H₁₁NO₂

Molecular Weight: 237.257

Accurate Mass: 237.078979

Percentage Composition: C 75.94%; H 4.67%; N 5.90%; O 13.49%

Physical Description: Orange needles (PhCl)

Melting Point: Mp 172°

Aldrich: M2820-0

Rare Chemicals Library: S43551-1

>> **Derivative:** *N,N*-Di-Me

Synonym(s): 1-Dimethylaminoanthraquinone. 1-Dimethylamino-9,10-anthracenedione, 9CI

CAS Registry Number: 5960-55-4

Molecular Formula: C₁₆H₁₃NO₂

Molecular Weight: 251.284

Accurate Mass: 251.094629

Percentage Composition: C 76.48%; H 5.21%; N 5.57%; O 12.73%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 140.5°

>> **Derivative:** *N*-Ph

Synonym(s): 1-Anilinoanthraquinone

CAS Registry Number: 2944-28-7

Molecular Formula: C₂₀H₁₃NO₂

Molecular Weight: 299.328

Accurate Mass: 299.094629

Percentage Composition: C 80.25%; H 4.38%; N 4.68%; O 10.69%

Physical Description: Red plates (EtOH)

Melting Point: Mp 147.5°

Rare Chemicals Library: S17510-2

References: