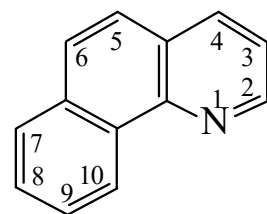




>>Entry Name: Benzo[*h*]quinoline, 9Cl

Synonym(s): 4-Azaphenanthrene. 7,8-Benzoquinoline. Naphtho[1',2':2,3]pyridine (obsol.). α -Naphthoquinoline (obsol.)



CAS Registry Number: 230-27-3

Extra CAS Registry Numbers(s): 39327-16-7

Molecular Formula: C₁₃H₉N

Molecular Weight: 179.221

Accurate Mass: 179.073499

Percentage Composition: C 87.12%; H 5.06%; N 7.82%

Physical Description: Plates (petrol), leaflets (Et₂O)

Melting Point: Mp 52°

Boiling Point: Bp₇₁₉ 338°. Bp₄₇ 223°

pKa Value: pK_a 4.3

Hazard & Toxicity: Mutagen

Aldrich: 12361-7

Fluka: 12300

>>Derivative: Hydrochloride

Physical Description: Yellow needles

Melting Point: Mp 213°

>>Derivative: Sulfate

Physical Description: Yellow prisms (EtOH)

Melting Point: Mp 133°

>>Derivative: Methochloride

Physical Description: Needles (EtOH, Et₂O)

Melting Point: Mp 133°

>>Derivative: Methiodide

Physical Description: Yellow needles (H₂O or EtOH)

Melting Point: Mp 179°

>>Derivative: Methosulfate

Physical Description: Needles (EtOH/Et₂O)

Melting Point: Mp 162°

>>Derivative: *N*-Oxide

CAS Registry Number: 17104-70-0

Molecular Formula: C₁₃H₉NO

Molecular Weight: 195.22

Accurate Mass: 195.068414

Percentage Composition: C 79.98%; H 4.65%; N 7.17%; O 8.20%

Physical Description: Cryst.

Melting Point: Mp 120°

References: