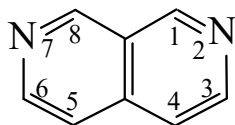




>>Entry Name: **2,7-Naphthyridine**, 9CI, 8CI

Synonym(s): Pyrido[3,4-*c*]pyridine. 2,7-Diazanaphthalene. Copyrine



CAS Registry Number: 253-45-2

Molecular Formula: C₈H₆N₂

Molecular Weight: 130.149

Accurate Mass: 130.053098

Percentage Composition: C 73.83%; H 4.65%; N 21.52%

Physical Description: Cryst.

Melting Point: Mp 96-97° (92-94°)

Boiling Point: Subl._{0.1} 70°

>>Derivative: Picrate

Melting Point: Mp 240°

>>Derivative: 2-Oxide

CAS Registry Number: 27284-60-2

Molecular Formula: C₈H₆N₂O

Molecular Weight: 146.148

Accurate Mass: 146.048013

Percentage Composition: C 65.75%; H 4.14%; N 19.17%; O 10.95%

Melting Point: Mp 228-229°

>>Derivative: 2,7-Dioxide

CAS Registry Number: 27284-61-3

Molecular Formula: C₈H₆N₂O₂

Molecular Weight: 162.148

Accurate Mass: 162.042928

Percentage Composition: C 59.26%; H 3.73%; N 17.28%; O 19.73%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 300°

References:

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