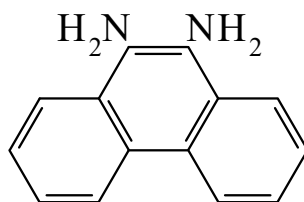




>>Entry Name: **9,10-Phenanthrenediamine**, 9CI

Synonym(s): 9,10-Diaminophenanthrene



CAS Registry Number: 53348-04-2

Molecular Formula: C₁₄H₁₂N₂

Molecular Weight: 208.262

Accurate Mass: 208.100048

Percentage Composition: C 80.74%; H 5.81%; N 13.45%

Use/Importance: Fluorescence derivatisation reagent used in hplc of fatty acids

Physical Description: Pale-yellow leaflets (C₆H₆)

Melting Point: Mp 160-166°

Aldrich: D2290-8

>>Derivative: Di-*N*-Ac

Molecular Formula: C₁₈H₁₆N₂O₂

Molecular Weight: 292.337

Accurate Mass: 292.121178

Percentage Composition: C 73.96%; H 5.52%; N 9.58%; O 10.95%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 330 dec.°

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