



>>Entry Name: 2-Hydroxy-2',5'-dimethylazobenzene

CAS Registry Number: 6370-43-0

Molecular Formula: C₁₄H₁₄N₂O

Molecular Weight: 226.277

Accurate Mass: 226.110613

Percentage Composition: C 74.31%; H 6.24%; N 12.38%; O 7.07%

Physical Description: Red needles with blue reflex

Melting Point: Mp 98°

>>Derivative: Et ether

Molecular Formula: C₁₆H₁₈N₂O

Molecular Weight: 254.331

Accurate Mass: 254.141913

Percentage Composition: C 75.56%; H 7.13%; N 11.01%; O 6.29%

Physical Description: Blue reflecting prisms

Melting Point: Mp 82-83°

References:

Nölting, E. *et al.*, *Ber.*, 1891, **23**, 3252

Morris, R.J. *et al.*, *J.A.C.S.*, 1948, **70**, 2485, (*uv*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, OHK000