



>>Entry Name: 6-Methyl-5-nitroquinoline, 9Cl

CAS Registry Number: 23141-61-9

Molecular Formula: C₁₀H₈N₂O₂

Molecular Weight: 188.185

Accurate Mass: 188.058578

Percentage Composition: C 63.83%; H 4.28%; N 14.89%; O 17.00%

Physical Description: Pale-yellow needles (EtOH)

Solubility: Insol. H₂O, sol. Et₂O, EtOH, Me₂CO, C₆H₆

Rare Chemicals Library: S55920-2

>>Derivative: Methiodide

Physical Description: Cryst.

Melting Point: Mp 189-190°

Solubility: Sol. H₂O, spar. sol. EtOH

>>Derivative: Picrate

Physical Description: Yellow cryst.

Melting Point: Mp 194°

References:

Marais, J.L.C. *et al.*, *J.C.S.*, 1950, 2207, (*synth*)

Long, R. *et al.*, *J.C.S.*, 1953, 2350, (*synth*)