



Melting Point: Mp 128°
Solubility: Sol. H₂O, EtOH, Et₂O
Aldrich: 42958-9
Rare Chemicals Library: S84251-6
Supelco: 44-2436

>>Derivative: Semicarbazone

CAS Registry Number: 110-20-3
Physical Description: Needles (H₂O or Me₂CO)
Melting Point: Mp 190-191 dec.°
Rare Chemicals Library: S44978-4

>>Derivative: Thiosemicarbazone
Synonym(s): 2-(1-Methylethylidene)hydrazinecarbothioamide, 9CI

CAS Registry Number: 1752-30-3

Molecular Formula: C₄H₉N₃S
Molecular Weight: 131.201
Accurate Mass: 131.051717
Percentage Composition: C 36.62%; H 6.91%; N 32.03%; S 24.44%
Use/Importance: Used as 2.5% soln. in Me₂CO aq. for extraction-photometric detn. of Mo (λ_{max} 472 nm, ϵ 19000, CHCl₃)
Physical Description: Yellow cryst.
Melting Point: Mp 175-178°
Solubility: Sol. Me₂CO

Rare Chemicals Library: S44230-5

>>Derivative: Anil
Synonym(s): Isopropylideneaniline

CAS Registry Number: 1124-52-3
Molecular Formula: C₉H₁₁N
Molecular Weight: 133.193
Accurate Mass: 133.089149
Percentage Composition: C 81.16%; H 8.32%; N 10.52%
Boiling Point: Bp₂₀ 227-229°
Other Data: The trivial name "acetone anil" has also been appl. to 1,2-Dihydro-2,2,4-trimethylquinoline