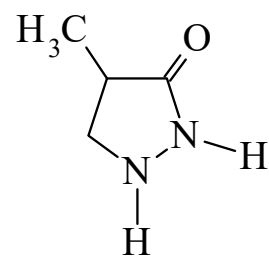




>>Entry Name: 4-Methyl-3-pyrazolidinone, 9CI



CAS Registry Number: 10234-74-9

Related CAS Registry Numbers(s): 54227-67-7

Molecular Formula: C₄H₈N₂O

Molecular Weight: 100.12

Accurate Mass: 100.063663

Percentage Composition: C 47.99%; H 8.05%; N 27.98%; O 15.98%

>>Variant: (±)-form

CAS Registry Number: 72875-04-8

Molecular Formula: C₄H₈N₂O

Molecular Weight: 100.12

Accurate Mass: 100.063663

Percentage Composition: C 47.99%; H 8.05%; N 27.98%; O 15.98%

Physical Description: Viscous oil

Boiling Point: Bp₁₂ 162°

>>Derivative: Hydrochloride

Physical Description: Cryst. (EtOH)

Melting Point: Mp 178°

>>Derivative: 1-Ph

Synonym(s): 4-Methyl-1-phenyl-3-pyrazolidinone. Phenidone B

CAS Registry Number: 2654-57-1

Molecular Formula: C₁₀H₁₂N₂O

Molecular Weight: 176.218

Accurate Mass: 176.094963

Percentage Composition: C 68.16%; H 6.86%; N 15.90%; O 9.08%

Physical Description: Long needles (C₆H₆/petrol)

Melting Point: Mp 102°

Rare Chemicals Library: S44693-9

References:

Lieser, T. *et al.*, *Chem. Ber.*, 1951, **84**, 4, (*synth*)

Perri, S.T. *et al.*, *J.O.C.*, 1990, **55**, 6037, (*synth, ir, pmr, ms*)