



Molecular Formula: C₅H₇N₃O
Molecular Weight: 125.13
Accurate Mass: 125.058912
Percentage Composition: C 47.99%; H 5.64%; N 33.58%; O 12.79%
Physical Description: Cryst.
Melting Point: Mp 170°

>>Derivative: *N*-Benzyl

CAS Registry Number: 16042-26-5
Molecular Formula: C₁₁H₁₀N₂O₂
Molecular Weight: 202.212
Accurate Mass: 202.074228
Percentage Composition: C 65.34%; H 4.98%; N 13.85%; O 15.82%
Physical Description: Cryst. (H₂O)
Melting Point: Mp 106°

>>Derivative: *N*-Me, Et ester

CAS Registry Number: 30148-21-1
Molecular Formula: C₇H₁₀N₂O₂
Molecular Weight: 154.168
Accurate Mass: 154.074228
Percentage Composition: C 54.54%; H 6.54%; N 18.17%; O 20.76%
Physical Description: Cryst. (Et₂O/hexane)
Melting Point: Mp 44°
Boiling Point: Bp₁ 97°

>>Derivative: *N*-Me, nitrile

Synonym(s): 2-Cyano-1-methylimidazole

CAS Registry Number: 45515-45-5
Molecular Formula: C₅H₅N₃
Molecular Weight: 107.115
Accurate Mass: 107.048347
Percentage Composition: C 56.07%; H 4.70%; N 39.23%
Physical Description: Oil

References:

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