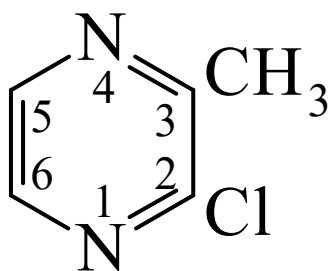




>>Entry Name: 2-Chloro-3-methylpyrazine, 9Cl



CAS Registry Number: 95-58-9

Molecular Formula: C₅H₅ClN₂

Molecular Weight: 128.561

Accurate Mass: 128.014125

Percentage Composition: C 46.71%; H 3.92%; Cl 27.58%; N 21.79%

Physical Description: Liq.

Boiling Point: Bp₆₅ 94-96°. Bp₁₅ 55-65°

Rare Chemicals Library: S41338-0

>>Derivative: 1-Oxide

CAS Registry Number: 61689-42-7

Molecular Formula: C₅H₅ClN₂O

Molecular Weight: 144.56

Accurate Mass: 144.00904

Percentage Composition: C 41.54%; H 3.49%; Cl 24.52%; N 19.38%; O 11.07%

Physical Description: Needles (petrol)

Melting Point: Mp 51-52°

Other Data: Identity doubtful

>>Derivative: 4-Oxide

Synonym(s): 3-Chloro-2-methylpyrazine 1-oxide

CAS Registry Number: 61689-41-6

Molecular Formula: C₅H₅ClN₂O

Molecular Weight: 144.56

Accurate Mass: 144.00904

Percentage Composition: C 41.54%; H 3.49%; Cl 24.52%; N 19.38%; O 11.07%

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 74-76°

References:

Karmas, G. *et al.*, *J.A.C.S.*, 1952, **74**, 1580, (*synth*)

Klein, B. *et al.*, *J.O.C.*, 1963, **28**, 1682, (*oxides*)