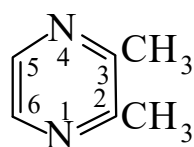




>>Entry Name: 2,3-Dimethylpyrazine, 9CI

ENTRY UNDER REVIEW

Synonym(s): FEMA 3271



CAS Registry Number: 5910-89-4

Type of Compound Code(s): WI3500 WE9900 WI1800 WI3700 WI6000 WI4600

Molecular Formula: C₆H₈N₂

Molecular Weight: 108.143

Accurate Mass: 108.068748

Percentage Composition: C 66.64%; H 7.46%; N 25.90%

Use/Importance: Used as flavour additive and odorant in foods

Boiling Point: Bp 156-158°

Solubility: Sol. H₂O, org. solvs.

Density: d₄⁰ 1.022

pKa Value: pK_{a1} 2.24; pK_{a2} -4.17 (25°, H₂O)

Other Data: Steam-volatile

Hazard & Toxicity: LD₅₀ (rat, orl) 613 mg/kg

Aldrich: W32710-7

>>Derivative: Picrate

Melting Point: Mp 150°

References:

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