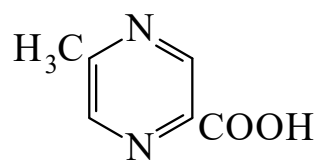




>>Entry Name: 5-Methylpyrazinecarboxylic acid, 9CI, 8CI

Synonym(s): 5-Methylpyrazinoic acid



CAS Registry Number: 5521-55-1

Molecular Formula: C₆H₆N₂O₂

Molecular Weight: 138.126

Accurate Mass: 138.042928

Percentage Composition: C 52.17%; H 4.38%; N 20.28%; O 23.17%

Physical Description: Cryst. by subl.

Melting Point: Mp 166-167° (160°)

Other Data: Preps. before 1966 were not pure. Darkens rapidly in air

Aldrich: 34764-7

Fluka: 69005

>>Derivative: 4-*N*-Oxide

Synonym(s): Acipimox, BAN, INN. K 9321. Olbetam

CAS Registry Number: 51037-30-0

Molecular Formula: C₆H₆N₂O₃

Molecular Weight: 154.125

Accurate Mass: 154.037843

Percentage Composition: C 46.76%; H 3.92%; N 18.18%; O 31.14%

Use/Importance: Antihyperlipidaemic agent

Development Status: Launched 1985

Calculated Log P Data: Log P -0.17 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 3500 mg/kg

>>Derivative: Amide

Molecular Formula: C₆H₇N₃O

Molecular Weight: 137.141

Accurate Mass: 137.058912

Percentage Composition: C 52.55%; H 5.14%; N 30.64%; O 11.67%

Melting Point: Mp 211.5 dec.°

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