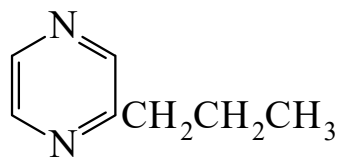




>>Entry Name: Propylpyrazine



CAS Registry Number: 18138-03-9

Molecular Formula: C₇H₁₀N₂

Molecular Weight: 122.169

Accurate Mass: 122.084398

Percentage Composition: C 68.82%; H 8.25%; N 22.93%

Use/Importance: Used in food flavouring

Boiling Point: Bp₁₂ 65°

Refractive Index: n_D²⁰ 1.4934

Other: Oakwood 2735

>>Derivative: N¹-Oxide

CAS Registry Number: 85093-86-3

Molecular Formula: C₇H₁₀N₂O

Molecular Weight: 138.169

Accurate Mass: 138.079313

Percentage Composition: C 60.85%; H 7.29%; N 20.27%; O 11.58%

Boiling Point: Bp₃₇ 150-160°

>>Derivative: N⁴-Oxide

CAS Registry Number: 85093-87-4

Boiling Point: Bp₃₆ 160-165°

>>Derivative: N¹,N⁴-Dioxide

CAS Registry Number: 85093-88-5

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: Prisms (C₆H₆)

Melting Point: Mp 195.5-196.5°

References:

Behun, J.D. *et al.*, *J.O.C.*, 1961, **26**, 3379

Konakahara, T. *et al.*, *Heterocycles*, 1979, **12**, 373

Ohta, A. *et al.*, *J. Het. Chem.*, 1982, **19**, 1061, (*uv, pmr, ms*)