



>>Entry Name: 5-Methyl-1*H*-indole-2-carboxylic acid, 9CI

CAS Registry Number: 10241-97-1

Molecular Formula: C₁₀H₉NO₂

Molecular Weight: 175.187

Accurate Mass: 175.063329

Percentage Composition: C 68.56%; H 5.18%; N 8.00%; O 18.27%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 234-235° (229-230°)

Other Data: Decarboxylates on dist.

Rare Chemicals Library: S44849-4

Sigma: M2627

>>Derivative: Et ester

CAS Registry Number: 16382-15-3

Molecular Formula: C₁₂H₁₃NO₂

Molecular Weight: 203.24

Accurate Mass: 203.094629

Percentage Composition: C 70.92%; H 6.45%; N 6.89%; O 15.74%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 163-164°

Boiling Point: Bp₄ 236°

Rare Chemicals Library: S36179-8

References:

Robson, W.J., *J. Biol. Chem.*, 1924, **62**, 505

Kruber, O., *Ber.*, 1926, **59**, 2760

Andrisano, R. *et al.*, *Gazz. Chim. Ital.*, 1957, **87**, 949

Hiremath, S.P., *Indian J. Chem., Sect. B*, 1978, **16**, 789