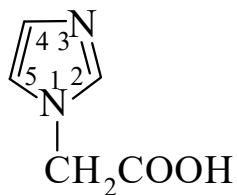




>>Entry Name: **1*H*-Imidazole-1-acetic acid**, 9CI



CAS Registry Number: 22884-10-2

Molecular Formula: C₅H₆N₂O₂

Molecular Weight: 126.115

Accurate Mass: 126.042928

Percentage Composition: C 47.62%; H 4.80%; N 22.21%; O 25.37%

Biological Source: Isol. from *Coprinus atramentarius*

Physical Description: Cryst. (MeOH aq.)

Melting Point: Mp 268-269 dec.°

>>**Derivative:** Et ester

CAS Registry Number: 17450-34-9

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%

Melting Point: Mp 50°

Boiling Point: Bp₁₇ 160°

References:

Easson, A.P.T. *et al.*, *J.C.S.*, 1932, 1806

List, P.H. *et al.*, *Arzneim.-Forsch.*, 1960, **10**, 34-40, (*isol*)

Birkofer, L. *et al.*, *Chem. Ber.*, 1960, **93**, 2804, (*synth*)

Sunjic, V. *et al.*, *Croat. Chem. Acta*, 1969, **41**, 107-110, (*struct*)