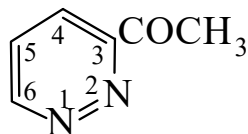




>>Entry Name: 3-Acetylpyridazine

Synonym(s): 1-(3-Pyridazinyl)ethanone, 9CI



CAS Registry Number: 1122-63-0

Molecular Formula: C₆H₆N₂O

Molecular Weight: 122.126

Accurate Mass: 122.048013

Percentage Composition: C 59.01%; H 4.95%; N 22.94%; O 13.10%

Physical Description: Plates (Et₂O or petrol)

Melting Point: Mp 89-90°

>>Derivative: Hydrazone

CAS Registry Number: 19194-94-6

Molecular Formula: C₆H₈N₄

Molecular Weight: 136.156

Accurate Mass: 136.074896

Percentage Composition: C 52.93%; H 5.92%; N 41.15%

Physical Description: Plates (diisopropyl ether)

Melting Point: Mp 76-77.5°

>>Derivative: N(1)-Oxide

CAS Registry Number: 19194-95-7

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: Scales (C₆H₆)

Melting Point: Mp 139-140°

References:

Robba, M., *Ann. Chim. (Paris)*, 1960, **5**, 351, (*synth*)

Nakagome, T. *et al.*, *J. Het. Chem.*, 1968, **5**, 379, (*synth, derivs*)