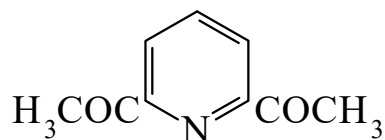




>>Entry Name: 2,6-Diacetylpyridine, 8Cl

Synonym(s): 1,1'-(2,6-Pyridinediyl)bis[ethanone], 9Cl



CAS Registry Number: 1129-30-2

Molecular Formula: C₉H₉NO₂

Molecular Weight: 163.176

Accurate Mass: 163.063329

Percentage Composition: C 66.25%; H 5.56%; N 8.58%; O 19.61%

Physical Description: Cryst.

Melting Point: Mp 79°

Aldrich: D880-1

Fluka: 31547

>>Derivative: Dioxime

CAS Registry Number: 36408-72-7

Molecular Formula: C₉H₁₁N₃O₂

Molecular Weight: 193.205

Accurate Mass: 193.085127

Percentage Composition: C 55.95%; H 5.74%; N 21.75%; O 16.56%

Use/Importance: Used as a 1% soln. in MeOH or Me₂CO for photometric detn. of Cu(II) ($\lambda_{\max}$ 360 nm), Fe(II) ($\lambda_{\max}$ 490 nm)

Physical Description: Cryst. (MeOH)

Melting Point: Mp 233.5 dec.°

References:

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Quequiner, G. *et al.*, *Bull. Soc. Chim. Fr.*, 1969, 4082, (*synth, ir, pmr*)

Skala, V. *et al.*, *Coll. Czech. Chem. Comm.*, 1974, **39**, 834, (*synth*)