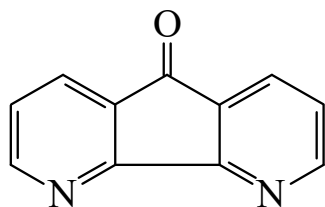




>>Entry Name: Cyclopenta[2,1-*b*:3,4-*b'*]dipyridin-5-one

Synonym(s): 4,5-Diazafluorenone



CAS Registry Number: 50890-67-0

Molecular Formula: C₁₁H₆N₂O

Molecular Weight: 182.181

Accurate Mass: 182.048013

Percentage Composition: C 72.52%; H 3.32%; N 15.38%; O 8.78%

Physical Description: Cryst. (EtOAc), yellow needles (H₂O)

Melting Point: Mp 218°

>>Derivative: Picrate

Physical Description: Long pale-yellow needles (H₂O)

Melting Point: Mp 142-144°

>>Derivative: Oxime

CAS Registry Number: 65939-09-5

Molecular Formula: C₁₁H₇N₃O

Molecular Weight: 197.196

Accurate Mass: 197.058912

Percentage Composition: C 67.00%; H 3.58%; N 21.31%; O 8.11%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 294-295°

>>Derivative: Hydrazone

CAS Registry Number: 90299-45-9

Physical Description: Cryst. (EtOH)

Melting Point: Mp 208-211°

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Orange ppt.

Melting Point: Mp 315-316 sl. dec.°

References:

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