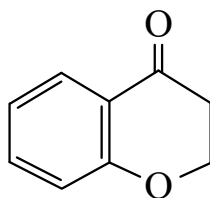




>>Entry Name: 2,3-Dihydro-4*H*-1-benzopyran-4-one, 9CI

Synonym(s): 4-Chromanone, 8CI



CAS Registry Number: 491-37-2

Related CAS Registry Numbers(s): 1341-36-2

Molecular Formula: C₉H₈O₂

Molecular Weight: 148.161

Accurate Mass: 148.05243

Percentage Composition: C 72.96%; H 5.44%; O 21.60%

Physical Description: Cryst. or leaves (petrol)

Melting Point: Mp 39-40°

Boiling Point: Bp₁₃ 128°

Aldrich: 12235-1

Fluka: 27073

>>Derivative: Oxime

CAS Registry Number: 24541-01-3

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: Needles (H₂O)

Melting Point: Mp 144-145° (140-142°)

>>Derivative: Semicarbazone

CAS Registry Number: 93622-05-0

Physical Description: Needles (EtOH)

Melting Point: Mp 227°

>>Derivative: Diphenylhydrazone

CAS Registry Number: 117138-67-7

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 133°

References:

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