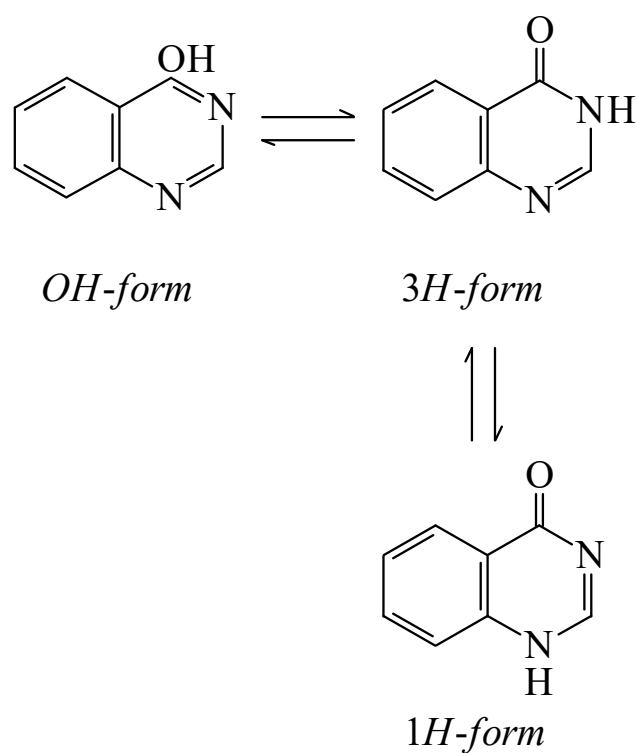




>>Entry Name: 4-Quinazolinol, 8Cl

Synonym(s): 4-Hydroxyquinazoline. 4(1*H*)-Quinazolinone, 9Cl. Quinazolone



CAS Registry Number: 491-36-1

Molecular Formula: C₈H₆N₂O

Molecular Weight: 146.148

Accurate Mass: 146.048013

Percentage Composition: C 65.75%; H 4.14%; N 19.17%; O 10.95%

Biological Source: Isol. from the Chinese drug Ch'ang Shan (roots of *Dichroa febrifuga*) (Hydrangeaceae)

Physical Description: Needles (EtOH)

Melting Point: Mp 215-216° (212-213°)

pKa Value: p*K*_{a1} 2.06; p*K*_{a2} 9.87 (20°)

Other Data: Prob. an artifact

Hazard & Toxicity: LD₅₀ (mus, orl) 609 mg/kg

Aldrich: H5780-7

Other: PB H17840

>>Derivative: Hydrochloride

CAS Registry Number: 33238-79-8

Melting Point: Mp 212-215°. Mp 247°

>>Variant: 1*H*-form

Molecular Formula: C₈H₆N₂O

Molecular Weight: 146.148

Accurate Mass: 146.048013

Percentage Composition: C 65.75%; H 4.14%; N 19.17%; O 10.95%

>>Derivative: *N*-Me

>>Derivative: *N*-Et

Synonym(s): 1-Ethyl-4(1*H*)-quinazolinone

CAS Registry Number: 16347-92-5

Molecular Formula: C₁₀H₁₀N₂O

Molecular Weight: 174.202

Accurate Mass: 174.079313

Percentage Composition: C 68.95%; H 5.79%; N 16.08%; O 9.18%

Melting Point: Mp 127-129°