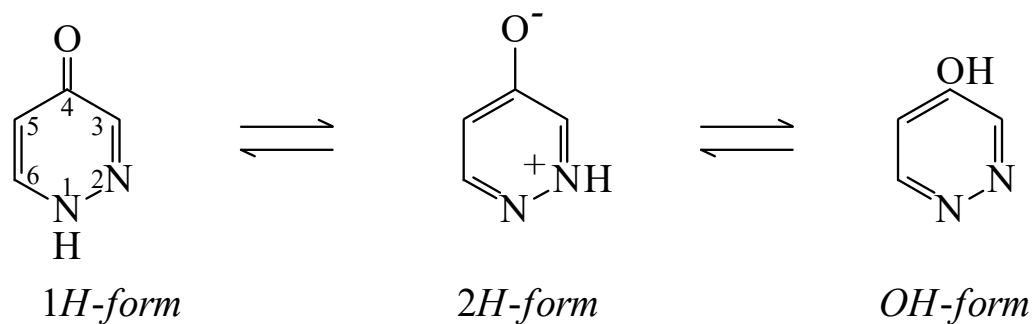




>>Entry Name: 4-Pyridazinol

Synonym(s): 4-Hydroxypyridazine. 4(1*H*)-Pyridazinone



CAS Registry Number: 20733-10-2

Molecular Formula: C₄H₄N₂O

Molecular Weight: 96.088

Accurate Mass: 96.032363

Percentage Composition: C 50.00%; H 4.20%; N 29.15%; O 16.65%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 254-256° (245-246°)

pKa Value: p*K*_{a1} 1.07; p*K*_{a2} 8.72 (20°)

>>Variant: 1*H*-form

CAS Registry Number: 17417-57-1

Molecular Formula: C₄H₄N₂O

Molecular Weight: 96.088

Accurate Mass: 96.032363

Percentage Composition: C 50.00%; H 4.20%; N 29.15%; O 16.65%

>>Derivative: *N*-Me

Synonym(s): 1-Methyl-4(1*H*)-pyridazinone

CAS Registry Number: 73619-53-1

Molecular Formula: C₅H₆N₂O

Molecular Weight: 110.115

Accurate Mass: 110.048013

Percentage Composition: C 54.54%; H 5.49%; N 25.44%; O 14.53%

Physical Description: Cryst. (Me₂CO/petrol)

Melting Point: Mp 98-99°

>>Derivative: *N*-Me; hydrochloride

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 173-176°

>>Variant: 2*H*-form

Molecular Formula: C₄H₄N₂O

Molecular Weight: 96.088

Accurate Mass: 96.032363

Percentage Composition: C 50.00%; H 4.20%; N 29.15%; O 16.65%

>>Derivative: *N*-Me

CAS Registry Number: 38441-49-5

Molecular Formula: C₅H₆N₂O

Molecular Weight: 110.115

Accurate Mass: 110.048013

Percentage Composition: C 54.54%; H 5.49%; N 25.44%; O 14.53%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 115-117°

>>Derivative: *N*-Me; hydrochloride

Physical Description: Cryst. (EtOH)

Melting Point: Mp 234-0 dec., 239-240° dec.°