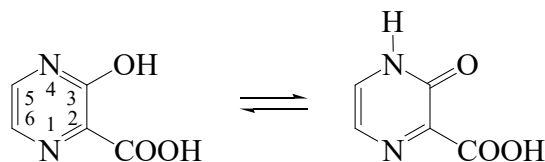




>>Entry Name: 3-Hydroxypyrazinecarboxylic acid, 9CI

Synonym(s): 3,4-Dihydro-3-oxypyrazinecarboxylic acid. 3-Hydroxypyrazinoic acid



CAS Registry Number: 20737-42-2

Molecular Formula: $C_5H_4N_2O_3$

Molecular Weight: 140.098

Accurate Mass: 140.022193

Percentage Composition: C 42.87%; H 2.88%; N 20.00%; O 34.26%

Physical Description: Yellow-orange cryst. (H_2O)

Melting Point: Mp 218-220°. Mp 230-231° (223-225°)

>>Derivative: Me ester

CAS Registry Number: 27825-20-3

Molecular Formula: $C_6H_6N_2O_3$

Molecular Weight: 154.125

Accurate Mass: 154.037843

Percentage Composition: C 46.76%; H 3.92%; N 18.18%; O 31.14%

Physical Description: Pale yellow solid

Melting Point: Mp 155-156° (151-152°)

Boiling Point: Subl._{0.05} 130°

>>Derivative: Amide

Molecular Formula: $C_5H_5N_3O_2$

Molecular Weight: 139.113

Accurate Mass: 139.038177

Percentage Composition: C 43.17%; H 3.62%; N 30.21%; O 23.00%

Physical Description: Pale yellow cryst. (H_2O)

Melting Point: Mp 270° (dec.)

References:

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