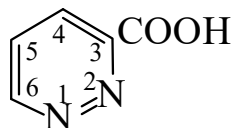




>>Entry Name: 3-Pyridazinecarboxylic acid, 9CI



CAS Registry Number: 2164-61-6

Molecular Formula: C₅H₄N₂O₂

Molecular Weight: 124.099

Accurate Mass: 124.027278

Percentage Composition: C 48.39%; H 3.25%; N 22.57%; O 25.78%

Use/Importance: Inhibitor of nicotinic acid metab. Antimetab. in bacteria

Physical Description: Cryst. (H₂O)

Melting Point: Mp 200-201°

>>Derivative: Me ester

CAS Registry Number: 34253-02-6

Molecular Formula: C₆H₆N₂O₂

Molecular Weight: 138.126

Accurate Mass: 138.042928

Percentage Composition: C 52.17%; H 4.38%; N 20.28%; O 23.17%

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 139°

>>Derivative: Et ester

CAS Registry Number: 1126-10-9

Molecular Formula: C₇H₈N₂O₂

Molecular Weight: 152.152

Accurate Mass: 152.058578

Percentage Composition: C 55.26%; H 5.30%; N 18.41%; O 21.03%

Physical Description: Cryst. (C₆H₆/petrol)

Melting Point: Mp 68-68.5°

>>Derivative: Amide

CAS Registry Number: 5450-54-4

Molecular Formula: C₅H₅N₃O

Molecular Weight: 123.114

Accurate Mass: 123.043262

Percentage Composition: C 48.78%; H 4.09%; N 34.13%; O 13.00%

Use/Importance: Intermed. for synth. of pharmaceuticals

Physical Description: Cryst. (H₂O)

Melting Point: Mp 182-182.5°

>>Derivative: Hydrazide

Molecular Formula: C₅H₆N₄O

Molecular Weight: 138.129

Accurate Mass: 138.054161

Percentage Composition: C 43.48%; H 4.38%; N 40.56%; O 11.58%

Physical Description: Cream cryst. (EtOH)

Melting Point: Mp 151-152°

>>Derivative: Nitrile

Synonym(s): 3-Cyanopyridazine

CAS Registry Number: 53896-49-4

Molecular Formula: C₅H₃N₃

Molecular Weight: 105.099

Accurate Mass: 105.032697

Percentage Composition: C 57.14%; H 2.88%; N 39.98%

Physical Description: Cryst.

Melting Point: Mp 43°

Boiling Point: Bp_{0.1} 50° subl.

References: