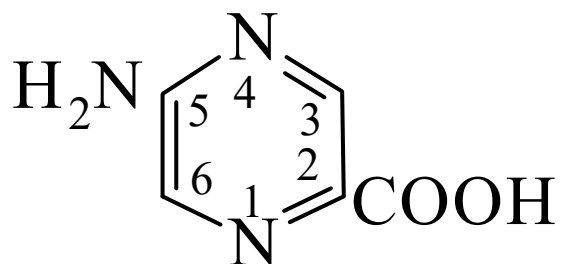




>>Entry Name: 5-Amino-2-pyrazinecarboxylic acid, 9CI



CAS Registry Number: 40155-43-9

Molecular Formula: C₅H₅N₃O₂

Molecular Weight: 139.113

Accurate Mass: 139.038177

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

Physical Description: Cryst. (H₂O)

Melting Point: Mp 282-283 dec.°

Other Data: λ_{max} 262 (log ε 4.15) and 319 nm (3.86)

>>Derivative: Me ester

CAS Registry Number: 13924-94-2

Molecular Formula: C₆H₇N₃O₂

Molecular Weight: 153.14

Accurate Mass: 153.053827

Percentage Composition: C 47.06%; H 4.61%; N 27.44%; O 20.90%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 230-231°

>>Derivative: Et ester

CAS Registry Number: 54013-06-8

Molecular Formula: C₇H₉N₃O₂

Molecular Weight: 167.167

Accurate Mass: 167.069477

Percentage Composition: C 50.30%; H 5.43%; N 25.14%; O 19.14%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 172-173°

References:

Felder, E. *et al.*, *Helv. Chim. Acta*, 1964, **47**, 873

Foks, H. *et al.*, *Acta Pol. Pharm.*, 1966, **23**, 411; *CA*, **66**, 94996