



Molecular Weight: 129.545
Accurate Mass: 128.998141
Percentage Composition: C 46.36%; H 3.11%; Cl 27.37%; N 10.81%; O 12.35%
Physical Description: Cryst. (Et₂O/petrol)
Solubility: V. sol. Et₂O, CHCl₃
Other Data: Sinters at 110°, dec. at higher temps. Dec. rapidly in moist air

>>Derivative: Amide

Synonym(s): 1*H*-Pyrrole-2-carboxamide

CAS Registry Number: 4551-72-8

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%
Biological Source: Alkaloid from the sponge *Agelas oroides*
Physical Description: Plates (H₂O or EtOH)
Melting Point: Mp 176°
UV: [neutral] λ_{max} 262 (ε 3700) (MeOH) (Berdy)
Other Data: Sweet taste

>>Derivative: *N*-Formylamide

Synonym(s): *N*-Formyl-1*H*-pyrrole-2-carboxamide, 9CI

CAS Registry Number: 160156-23-0

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%
Biological Source: Alkaloid from the sponge *Agelas oroides*
Physical Description: Powder
UV: [neutral] λ_{max} 284 (ε 8140) (MeOH) [neutral] λ_{max} 284 (ε 8140) (MeOH) (Berdy)

>>Derivative: Hydrazide

Molecular Formula: C₅H₇N₃O
Molecular Weight: 125.13
Accurate Mass: 125.058912
Percentage Composition: C 47.99%; H 5.64%; N 33.58%; O 12.79%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 231-232 dec.°

>>Derivative: Azide

CAS Registry Number: 67307-19-1
Molecular Formula: C₅H₄N₄O
Molecular Weight: 136.113
Accurate Mass: 136.038511
Percentage Composition: C 44.12%; H 2.96%; N 41.16%; O 11.75%
Physical Description: Cryst.
Melting Point: Mp 105 dec.°

>>Derivative: Nitrile

Synonym(s): 1*H*-Pyrrole-2-carbonitrile, 9CI. 2-Cyanopyrrole

CAS Registry Number: 4513-94-4
Molecular Formula: C₅H₄N₂
Molecular Weight: 92.1
Accurate Mass: 92.037448
Percentage Composition: C 65.21%; H 4.38%; N 30.42%
Physical Description: Oil
Boiling Point: Bp₁₄ 118-120°. Bp_{0.05} 50°