



>>Entry Name: 3,5-Dimethyl-1*H*-pyrrole-2,4-dicarboxylic acid

Structure by analogy with 2,5-Dimethyl-1*H*-pyrrole-3,4-dicarboxylic acid, [FWW49-Z](#)

Molecular Formula: C₈H₉NO₄

Molecular Weight: 183.163

Accurate Mass: 183.053159

Percentage Composition: C 52.46%; H 4.95%; N 7.65%; O 34.94%

Melting Point: Mp 260 dec.°

Other Data: Decarboxylates in acid

>>Derivative: 4-Me ester

CAS Registry Number: 50296-60-1

Molecular Formula: C₉H₁₁NO₄

Molecular Weight: 197.19

Accurate Mass: 197.068809

Percentage Composition: C 54.82%; H 5.62%; N 7.10%; O 32.45%

Melting Point: Mp 182 dec.°

>>Derivative: Di-Me ester

CAS Registry Number: 5448-17-9

Molecular Formula: C₁₀H₁₃NO₄

Molecular Weight: 211.217

Accurate Mass: 211.084459

Percentage Composition: C 56.87%; H 6.20%; N 6.63%; O 30.30%

Melting Point: Mp 174-175°

>>Derivative: 2-Et ester

CAS Registry Number: 5408-10-6

Molecular Formula: C₁₀H₁₃NO₄

Molecular Weight: 211.217

Accurate Mass: 211.084459

Percentage Composition: C 56.87%; H 6.20%; N 6.63%; O 30.30%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 273°

>>Derivative: 4-Et ester

CAS Registry Number: 5442-91-1

Molecular Formula: C₁₀H₁₃NO₄

Molecular Weight: 211.217

Accurate Mass: 211.084459

Percentage Composition: C 56.87%; H 6.20%; N 6.63%; O 30.30%

Melting Point: Mp 204 dec.°

Rare Chemicals Library: S95131-5

>>Derivative: Di-Et ester

Synonym(s): Knorr's pyrrole

CAS Registry Number: 2436-79-5

Molecular Formula: C₁₂H₁₇NO₄

Molecular Weight: 239.271

Accurate Mass: 239.115759

Percentage Composition: C 60.24%; H 7.16%; N 5.85%; O 26.75%

Use/Importance: Key starting material for synth. of chlorophyll and other porphyrins

Physical Description: V. pale yellow needles (EtOH)

Melting Point: Mp 135°

Aldrich: D9320-1

References: