



Accurate Mass: 143.058244
Percentage Composition: C 50.35%; H 6.34%; N 9.79%; O 33.53%
Melting Point: Mp 151-155°

>>Derivative: *N*-Ac, Me ester

CAS Registry Number: 38409-69-7
Molecular Formula: C₇H₁₁NO₃
Molecular Weight: 157.169
Accurate Mass: 157.073894
Percentage Composition: C 53.49%; H 7.05%; N 8.91%; O 30.54%
Physical Description: Cryst. (CHCl₃/MeOH)
Melting Point: Mp 82-84°

>>Derivative: *N*-*tert*-Butyloxycarbonyl

CAS Registry Number: 88950-64-5
Molecular Formula: C₉H₁₅NO₄
Molecular Weight: 201.222
Accurate Mass: 201.100109
Percentage Composition: C 53.72%; H 7.51%; N 6.96%; O 31.80%
Physical Description: Solid
Melting Point: Mp 178-178.5°
Sigma: B6652

>>Derivative: *N*-Malonyl

Synonym(s): 1-(Malonylamino)cyclopropanecarboxylic acid. MACC

CAS Registry Number: 80550-27-2

Molecular Formula: C₇H₉NO₅
Molecular Weight: 187.152
Accurate Mass: 187.048074
Percentage Composition: C 44.92%; H 4.85%; N 7.48%; O 42.74%
Biological Source: Constit. of numerous plant spp. including wheat, tomato and maize
Use/Importance: Involved in the regulation of ethylene formation in plants
Melting Point: Mp 158-160°

>>Derivative: *N*-Me

CAS Registry Number: 99324-92-2
Molecular Formula: C₅H₉NO₂
Molecular Weight: 115.132
Accurate Mass: 115.063329
Percentage Composition: C 52.16%; H 7.88%; N 12.17%; O 27.79%
Physical Description: Cryst. (Me₂CO aq.)
Melting Point: Mp 237°

>>Derivative: *N*-Me, Me ester

CAS Registry Number: 119111-66-9
Molecular Formula: C₆H₁₁NO₂
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%
Physical Description: Oil

>>Derivative: *N,N*-Di-Me

CAS Registry Number: 119111-65-8
Molecular Formula: C₆H₁₁NO₂
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%
Physical Description: Cryst. (MeOH)
Melting Point: Mp 200-210 subl.°