



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.°