



Molecular Weight: 193.202
Accurate Mass: 193.073894
Percentage Composition: C 62.17%; H 5.74%; N 7.25%; O 24.84%
Use/Importance: Artificial sweetener
Physical Description: Leaflets or prisms (H₂O)
Melting Point: Mp 120°
Calculated Log P Data: Log P 0.69 (calc)

Sigma: B2879

>>**Derivative:** *N*-(4-Nitrobenzoyl)

CAS Registry Number: 59642-21-6
Molecular Formula: C₁₀H₁₀N₂O₅
Molecular Weight: 238.199
Accurate Mass: 238.058973
Percentage Composition: C 50.42%; H 4.23%; N 11.76%; O 33.58%
Physical Description: Cryst. (H₂O or EtOH)
Melting Point: Mp 163-165°
Aldrich: 23344-7
Sigma: N6884

>>**Derivative:** *N*-Benzyloxycarbonyl

CAS Registry Number: 2304-94-1
Molecular Formula: C₁₁H₁₃NO₄
Molecular Weight: 223.228
Accurate Mass: 223.084459
Percentage Composition: C 59.19%; H 5.87%; N 6.27%; O 28.67%
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 105-106°

>>**Derivative:** *N*-Fluorenylmethoxycarbonyl

CAS Registry Number: 35737-10-1
Molecular Formula: C₁₈H₁₇NO₄
Molecular Weight: 311.337
Accurate Mass: 311.115759
Percentage Composition: C 69.44%; H 5.50%; N 4.50%; O 20.56%
Physical Description: Cryst. (EtOAc)
Melting Point: Mp 145-147°

>>**Derivative:** *N*-Me

Synonym(s): (3-Methylamino)propanoic acid

CAS Registry Number: 2679-14-3
Molecular Formula: C₄H₉NO₂
Molecular Weight: 103.121
Accurate Mass: 103.063329
Percentage Composition: C 46.59%; H 8.80%; N 13.58%; O 31.03%
Physical Description: Plates + 1H₂O (EtOH)
Melting Point: Mp 99-100°

>>**Derivative:** *N*-Me; hydrochloride

Melting Point: Mp 105°

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

CAS Registry Number: 693-05-0
Molecular Formula: C₄H₈N₂
Molecular Weight: 84.121
Accurate Mass: 84.068748
Percentage Composition: C 57.11%; H 9.59%; N 33.30%
Refractive Index: n_D^{20} 1.4310

Aldrich: M2760-3

Fluka: 65670