



Percentage Composition: C 49.65%; H 7.64%; N 9.65%; O 33.07%

Melting Point: Mp 129-131°

Rare Chemicals Library: S45836-8

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

Melting Point: Mp 133°

>> **Derivative:** *N*-(2,2-Dimethylpropanoyl)

Synonym(s): 4-[(2,2-Dimethyl-1-oxopropyl)amino]butanoic acid, 9Cl. **Pivagabine**, INN

CAS Registry Number: 69542-93-4

Molecular Formula: C₉H₁₇NO₃

Molecular Weight: 187.238

Accurate Mass: 187.120844

Percentage Composition: C 57.73%; H 9.15%; N 7.48%; O 25.63%

Biological Use/Importance: Anticonvulsant

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

CAS Registry Number: 57294-38-9

Molecular Formula: C₉H₁₇NO₄

Molecular Weight: 203.238

Accurate Mass: 203.115759

Percentage Composition: C 53.19%; H 8.43%; N 6.89%; O 31.49%

Physical Description: Cryst. (EtOAc/hexane)

Melting Point: Mp 53-54°

Boiling Point: Bp_{0.2} 78-82°

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

CAS Registry Number: 89231-63-0

Molecular Formula: C₁₈H₃₂N₂O₇

Molecular Weight: 388.46

Accurate Mass: 388.220953

Percentage Composition: C 55.66%; H 8.30%; N 7.21%; O 28.83%

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 106°

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

CAS Registry Number: 5105-78-2

Molecular Formula: C₁₂H₁₅NO₄

Molecular Weight: 237.255

Accurate Mass: 237.100109

Percentage Composition: C 60.75%; H 6.37%; N 5.90%; O 26.97%

Physical Description: Needles (EtOAc/hexane)

Melting Point: Mp 65-67°

>> **Derivative:** *N*-Benzyloxycarbonyl, amide

Molecular Formula: C₁₂H₁₆N₂O₃

Molecular Weight: 236.27

Accurate Mass: 236.116093

Percentage Composition: C 61.00%; H 6.83%; N 11.86%; O 20.31%

Physical Description: Cryst.

Melting Point: Mp 125-128°