Molecular Formula: $C_6H_{11}NO_4$
Molecular Weight: 161.157
Accurate Mass: 161.068809
Percentage Composition: C 44.72%; H 6.88%; N 8.69%; O 39.71%
Physical Description: Hygroscopic solid (as hydrochloride)
Melting Point: Mp 139-142° (hydrochloride)
Optical Rotation: $[\alpha]_D^{25}$+2.7 (c, 7.0 in H_2O)

>>**Derivative:** *N*-(2-Pyridinylethyl)

CAS Registry Number: 146500-72-3

Molecular Formula: $C_{12}H_{16}N_2O_4$
Molecular Weight: 252.269
Accurate Mass: 252.111008
Percentage Composition: C 57.13%; H 6.39%; N 11.10%; O 25.37%
Biological Source: Isol. from the toxic mushroom (*Clitocybe acromelalga*)
Optical Rotation: $[\alpha]_D^{25}$+129 (c, 0.09 in H_2O)
Solubility: Sol. H_2O, MeOH; poorly sol. EtOAc, hexane
UV: [neutral] λ_{max} 260 (ε 2140) (H_2O) (Berdy)

>>**Derivative:** *N*-Carbamoyl
Synonym(s): Carglumic acid, INN

CAS Registry Number: 1188-38-1
Molecular Formula: $C_6H_{10}N_2O_5$
Molecular Weight: 190.155
Accurate Mass: 190.058973
Percentage Composition: C 37.90%; H 5.30%; N 14.73%; O 42.07%
Biological Use/Importance: Antihyperammonaemia agent

>>**Variant:** (±)-form

CAS Registry Number: 617-65-2
Molecular Formula: $C_5H_9NO_4$
Molecular Weight: 147.13
Accurate Mass: 147.053159
Percentage Composition: C 40.82%; H 6.17%; N 9.52%; O 43.50%
Physical Description: Rhombic cryst. (H_2O)
Melting Point: Mp 199° (monohydrate). Mp 225-227° (dec.)
Solubility: Sol. hot H_2O; spar. sol. most org. solvs.

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Rare Chemicals Library: S56606-3

>>**Derivative:** Hydrochloride

CAS Registry Number: 15767-75-6
Melting Point: Mp 193° (dec.)

>>**Derivative:** 5-Me ester

CAS Registry Number: 14487-45-7
Molecular Formula: $C_6H_{11}NO_4$
Molecular Weight: 161.157
Accurate Mass: 161.068809
Percentage Composition: C 44.72%; H 6.88%; N 8.69%; O 39.71%
Melting Point: Mp 183° (dec.)

>>**Derivative:** Di-Me ester; hydrochloride

CAS Registry Number: 13515-99-6
Melting Point: Mp 149°