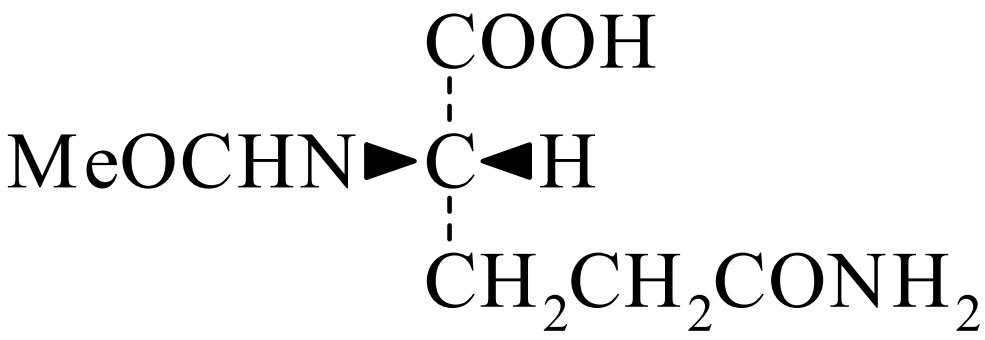
>>**Entry Name: Aceglutamide,** INN, JAN
Synonym(s): N^2-Acetylglutamine, 9CI. 2-(Acetylamino)glutaramidic acid. Acutil/S



Molecular Formula: $C_7H_{12}N_2O_4$
Molecular Weight: 188.183
Accurate Mass: 188.079708
Percentage Composition: C 44.68%; H 6.43%; N 14.89%; O 34.01%

Use/Importance: Psychostimulant; used to improve memory and concentration
Calculated Log P Data: Log P –2.55 (calc)

>>**Variant:** (*S*)-form

CAS Registry Number: 2490-97-3
Molecular Formula: $C_7H_{12}N_2O_4$
Molecular Weight: 188.183
Accurate Mass: 188.079708
Percentage Composition: C 44.68%; H 6.43%; N 14.89%; O 34.01%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 197°
Optical Rotation: $[\alpha]_D^{20}$–12.5 (c, 2.9 in H_2O)
Other Data: Component of Acinetil Bebible, Centrum, Fosfoglutil, Levaliver, Memovisus, Neurocordin, Sustenium, Teovit, Tonogen, Tonoplus
Fluka: 1150
Sigma: A9125

>>**Derivative:** Al(*III*) complex
Synonym(s): Aceglutamide aluminum, JAN, USAN. Pentakis(N^2-acetyl-L-glutaminato) tetrahydroxytrialuminium. KW 110. Glumal. AGA