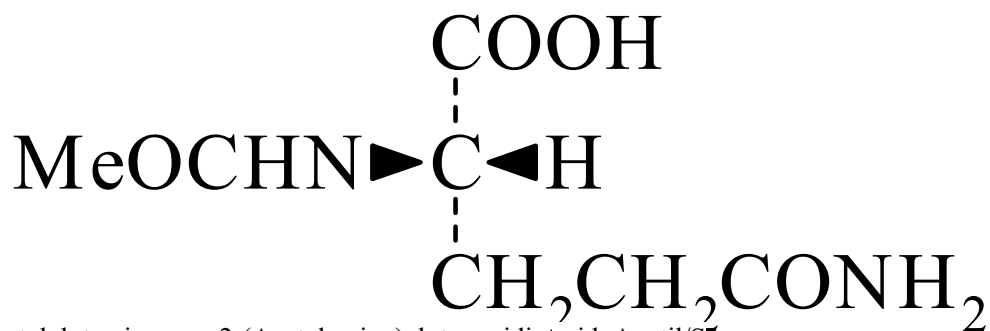




>> **Aceglutamide**, INN, JAN



*N*²-Acetylglutamine, 9CI. 2-(Acetylamino)glutaramidic acid. Acutil/S⁻
LCS30-X

Classification:XA2900

C₇H₁₂N₂O₄ M 188.183. 188.079708. C 44.68%; H 6.43%; N 14.89%; O 34.01%

Strictly, the name Aceglutamide applies to the (*S*)-form. Psychostimulant; used to improve memory and concentration. Log P -2.55 (calc)

>> (**S**)-form. BRC33-T [2490-97-3]

C₇H₁₂N₂O₄ M 188.183. 188.079708. C 44.68%; H 6.43%; N 14.89%; O 34.01%

Cryst. (EtOH). Mp 197°. [α]_D²⁰ -12.5 (c, 2.9 in H₂O). Component of Acinetil Bebibile, Centrum, Fosfoglutil, Levaliver, Memovisus, Neurocordin, Sustenium, Teovit, Tonogen, Tonoplus.

Supplier: Fluka:1150. Sigma:A9125

>> *Al*(III) complex: **Aceglutamide aluminum**, JAN, USAN. Pentakis(*N*²-acetyl-L-glutaminato) tetrahydroxytrialuminium. KW 110. Glumal. AGA. BRC34-U [12607-92-0] Classification:XA2370. C₃₅H₅₉Al₃N₁₀O₂₄ M 1084.848. 1084.314992. C 38.75%; H 5.48%; Al 7.46%; N 12.91%; O 35.40%. Antiulcerative and gastric cytoprotective agent. White powder. Mp 221 dec.°.

◆ **BD1280000**

U.K. Pat., 1958, *Merck*, 792 576; *CA*, **53**, 2109a, (*synth, props*)

Maschler, I.J. *et al.*, *Biochim. Biophys. Acta*, 1962, **57**, 252, (*synth*)

Narasimhamurthy, M.R. *et al.*, *J.C.S. Perkin 2*, 1976, **6**, 768, (*cryst struct*)

Alhadeff, M. *et al.*, *Drugs of Today (Barcelona)*, 1978, **14**, 53, (*rev, pharmacol*)

Tome, D. *et al.*, *Int. J. Pept. Protein Res.*, 1985, **25**, 258, (*synth, cmr*)

Tanaka, H., *Arzneim.-Forsch.*, 1986, **36**, 1485, (*pharmacol*)

Martindale, *The Extra Pharmacopoeia*, 30th edn., *Pharmaceutical Press*, 1993, 868; 1329

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, AGX125