



>>**S-Acetamidomethylcysteine**

S-[(Acetylamino)methyl]cysteine, 9CI

BDL46-Y

[19647-70-2]

AcNHCH₂SCH₂CH(NH₂)COOH

C₆H₁₂N₂O₃S M 192.238. 192.056863. C 37.49%; H 6.29%; N 14.57%; O 24.97%; S 16.68%

>>**(S)-form.** L-form. BDL47-Z

C₆H₁₂N₂O₃S M 192.238. 192.056863. C 37.49%; H 6.29%; N 14.57%; O 24.97%; S 16.68%. Useful S-protected deriv. of L-cysteine

[α]_D²⁵ -42.5 (c, 1 in H₂O). Stable to CF₃COOH, HBr/AcOH, HCl/EtOH, HF at 0°

>>N-tert-Butyloxycarbonyl: BDL48-A Mp 110-112°. [α]_D²⁵ -35.5 (c, 1 in H₂O)

>>N-Hydroxysuccinimide ester: BDL49-B Mp 106-108°. [α]_D²⁵ +43 (c, 1 in CHCl₃)

Veber, D.F. *et al.*, *Tet. Lett.*, 1968, 3057, (*synth*)

Fontana, A. *et al.*, *Chem. Comm.*, 1975, 976, (*use*)

Tomatis, R. *et al.*, *Int. J. Pept. Protein Res.*, 1976, **8**, 65; 79; 87