



>>>**Derivative:** 4-*tert*-Butyl ester, 1-(2-*tert*-butyloxycarbonylhydrazide)
Synonym(s): Z-Asp(OBu^t)NHNHBOC

CAS Registry Number: 34695-34-6

Melting Point: Mp 53-56°

Optical Rotation: [α]_D -23.3 (c, 2 in MeOH)

>>>**Derivative:** 4-*tert*-Butyl ester, 1-(4-nitrophenyl) ester
Synonym(s): Z-Asp(OBu^t)ONp

CAS Registry Number: 17543-17-8

Melting Point: Mp 86.5-87.5°

Optical Rotation: [α]_D +1.5 (c, 1 in CHCl₃)

>>>**Derivative:** 4-*tert*-Butyl, 1-succinimido ester
Synonym(s): Z-Asp(OBu^t)OSu

CAS Registry Number: 3338-32-7

Melting Point: Mp 151-152°

Optical Rotation: [α]_D -27.4 (c, 1.1 in DMF)

Fluka: 95991

Sigma: C0920

References:

- Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **2**, 262D, (*ir*)
Aldrich Library of NMR Spectra, 2nd edn., 1983, **2**, 265A, (*nmr*)
Guttmann, S., *Helv. Chim. Acta*, 1961, **44**, 721, (*nitrophenyl*)
Benoiton, L., *Can. J. Chem.*, 1962, **40**, 570, (*benzyl*)
Pless, J. *et al.*, *Helv. Chim. Acta*, 1963, **46**, 1609, (*trichlorophenyl*)
Hofmann, K. *et al.*, *J.A.C.S.*, 1965, **87**, 631, (*benzyl*)
Hylton, T.A., *J.O.C.*, 1966, **31**, 3400, (*nitrophenyl*)
Wünsch, E. *et al.*, *Chem. Ber.*, 1966, **99**, 105, (*butyl ester*)