



Synonym(s): Z-Arg(Z)₂OSu

CAS Registry Number: 50715-13-4

Melting Point: Mp 85-86°

Optical Rotation: [α]_D -9.7 (c, 2 in dioxan)

>>**Derivative:** *N*⁰-*tert*-Butyloxycarbonyl

Synonym(s): Z-Arg(BOC)OH

CAS Registry Number: 2601-51-6

Melting Point: Mp 151-152°

Optical Rotation: [α]_D -2.1 (c, 1 in MeOH)

>>**Derivative:** *N*⁰-(4-Methylbenzenesulphonyl)

Synonym(s): Z-Arg(Tos)OH

CAS Registry Number: 13650-38-9

Melting Point: Mp 86-89°

Optical Rotation: [α]_D²⁵ -0.5 (c, 7.5 in MeOH)

>>**Derivative:** *N*⁰-Nitro

Synonym(s): Z-Arg(NO₂)OH

CAS Registry Number: 2304-98-5

Molecular Formula: C₁₄H₁₉N₅O₆

Molecular Weight: 353.334

Accurate Mass: 353.133535

Percentage Composition: C 47.59%; H 5.42%; N 19.82%; O 27.17%

Melting Point: Mp 134-136°

Optical Rotation: [α]_D -3.5 (c, 1 in MeOH)

Fluka: 96930

Sigma: C0545

>>**Derivative:** *N*⁰-Nitro, pentachlorophenyl ester

Synonym(s): Z-Arg(NO₂)OPcp

CAS Registry Number: 5165-16-2

Melting Point: Mp 109-111.5°

Optical Rotation: [α]_D -14.2 (c, 1 in DMF)

References:

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Hofmann, K. *et al.*, *J.A.C.S.*, 1956, **78**, 238, (*nitro*)
Boissannas, R.A. *et al.*, *Helv. Chim. Acta*, 1958, **41**, 1867, (*synth*)
Zervas, L. *et al.*, *J.A.C.S.*, 1959, **81**, 2878, (*dibenzyl*)
Kovacs, J. *et al.*, *J.O.C.*, 1967, **32**, 3696, (*pentachlorophenyl*)
Schnabel, E., *Annalen*, 1967, **702**, 188, (*butoxycarbonyl*)
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