



>>Entry Name: Benzyloxycarbonylarginine

Synonym(s): N^2 -[(Phenylmethoxy)carbonyl]arginine, 9Cl. Z-Arginine. Z-ArgOH



Molecular Formula: $\text{C}_{14}\text{H}_{20}\text{N}_4\text{O}_4$

Molecular Weight: 308.336

Accurate Mass: 308.148456

Percentage Composition: C 54.54%; H 6.54%; N 18.17%; O 20.76%

>>Variant: L-form

CAS Registry Number: 1234-35-1

Molecular Formula: $\text{C}_{14}\text{H}_{20}\text{N}_4\text{O}_4$

Molecular Weight: 308.336

Accurate Mass: 308.148456

Percentage Composition: C 54.54%; H 6.54%; N 18.17%; O 20.76%

Melting Point: Mp 184 dec.°

Optical Rotation: $[\alpha]_{\text{D}} -9.3$ (c, 2 in 1N HCl)

Aldrich: 16263-9

Fluka: 95930

Sigma: C4751

>>Derivative: N^{δ},N^{ω} -Diadamantylloxycarbonyl

Synonym(s): Z-Arg(Adoc)₂OH

CAS Registry Number: 51808-70-9

Melting Point: Mp 120-122°

Optical Rotation: $[\alpha]_{\text{D}} +20.8$ (c, 1 in CHCl_3)

>>Derivative: N^{δ},N^{ω} -Diadamantylloxycarbonyl, 4-nitrophenyl ester

Synonym(s): Z-Arg(Adoc)₂ONp

CAS Registry Number: 34029-82-8

Melting Point: Mp 96-99 dec.°

Optical Rotation: $[\alpha]_{\text{D}} -13.8$ (c, 1 in CHCl_3)

>>Derivative: N^{δ},N^{ω} -Diadamantylloxycarbonyl, succinimido ester

Synonym(s): Z-Arg(Adoc)₂OSu

CAS Registry Number: 27844-00-4

Melting Point: Mp 130-135 dec.°

Optical Rotation: $[\alpha]_{\text{D}} +10.1$ (c, 1 in CHCl_3)

>>Derivative: N^{ω} -Benzyloxycarbonyl

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

CAS Registry Number: 53934-75-1

Melting Point: Mp 150°

Optical Rotation: $[\alpha]_{\text{D}} -5.2$ (c, 2 in DMF)

Sigma: C5516

>>Derivative: N^{δ},N^{γ} -Dibenzylloxycarbonyl

Synonym(s): Z-Arg(Z)₂OH

CAS Registry Number: 14611-34-8

Melting Point: Mp 137-138°

Optical Rotation: $[\alpha]_{\text{D}} +16.8$ (c, 1 in CHCl_3)

Fluka: 95935

Sigma: C1170

>>Derivative: N^{δ},N^{ω} -Dibenzylloxycarbonyl, 4-nitrophenyl ester

Synonym(s): Z-Arg(Z)₂ONp

CAS Registry Number: 14611-35-9

Melting Point: Mp 134-135°

Optical Rotation: $[\alpha]_{\text{D}} -7.25$ (c, 1 in CHCl_3)