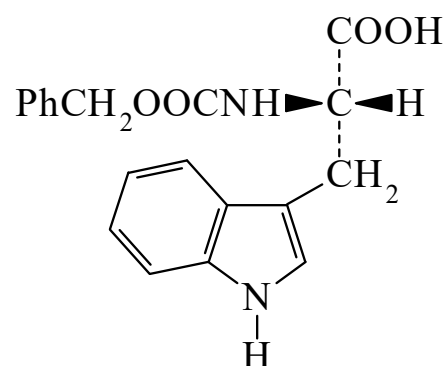




>>Entry Name: Benzyloxycarbonyltryptophan

Synonym(s): *N*-[(Phenylmethoxy)carbonyl]tryptophan, 9Cl. *N*-Carboxytryptophan *N*-benzyl ester, 8Cl. Z-TrpOH



Molecular Formula: C₁₉H₁₈N₂O₄

Molecular Weight: 338.362

Accurate Mass: 338.126658

Percentage Composition: C 67.45%; H 5.36%; N 8.28%; O 18.91%

>>Variant: L-form

CAS Registry Number: 7432-21-5

Molecular Formula: C₁₉H₁₈N₂O₄

Molecular Weight: 338.362

Accurate Mass: 338.126658

Percentage Composition: C 67.45%; H 5.36%; N 8.28%; O 18.91%

Melting Point: Mp 126°

Aldrich: 40850-6

Fluka: 97240

Sigma: C5377

>>Derivative: 2-Nitrophenyl ester

Melting Point: Mp 116-118°

Optical Rotation: [α]_D²⁵ -65 (c, 2 in DMF + 1% AcOH)

>>Derivative: 4-Nitrophenyl ester

CAS Registry Number: 16624-64-9

Melting Point: Mp 105°

Optical Rotation: [α]_D -4.5 (c, 5 in DMF)

Fluka: 97260

Sigma: C5502

>>Derivative: Pentachlorophenyl ester

Synonym(s): Z-TrypPcp

CAS Registry Number: 13673-49-9

Melting Point: Mp 167-169°

Optical Rotation: [α]_D -57.2 (c, 0.9 in CHCl₃)

>>Derivative: Succinimido ester

Synonym(s): Z-TrpOSu

CAS Registry Number: 50305-28-7

Physical Description: Oil

>>Derivative: 2,4,5-Trichlorophenyl ester

Synonym(s): Z-TrpOTcp

CAS Registry Number: 38763-84-7

Melting Point: Mp 115°

Optical Rotation: [α]_D -38 (c, 1 in DMF)

References: