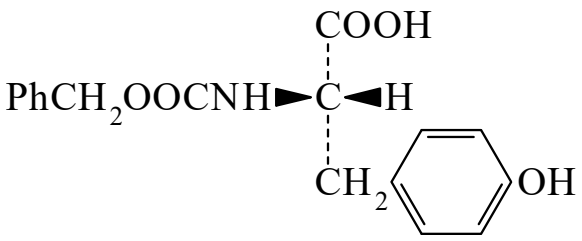
>>**Entry Name: Benzyloxycarbonyltyrosine**
Synonym(s): *N*-[(Phenylmethoxy)carbonyl]tyrosine, 9CI. *N*-Carboxytyrosine *N*-benzyl ester, 8CI. Z-TyrOH



Molecular Formula: $C_{17}H_{17}NO_5$
Molecular Weight: 315.325
Accurate Mass: 315.110674
Percentage Composition: C 64.75%; H 5.43%; N 4.44%; O 25.37%

>>**Variant:** L-form

CAS Registry Number: 1164-16-5
Molecular Formula: $C_{17}H_{17}NO_5$
Molecular Weight: 315.325
Accurate Mass: 315.110674
Percentage Composition: C 64.75%; H 5.43%; N 4.44%; O 25.37%
Melting Point: Mp 101°
Optical Rotation: $[\alpha]_D^{20}$+11.1 (c, 3 in AcOH)
Aldrich: 47059-7
Fluka: 97290
Sigma: C5627

>>**Derivative:** 4-Nitrophenyl ester

CAS Registry Number: 3556-56-7
Molecular Formula: $C_{23}H_{20}N_2O_7$
Molecular Weight: 436.42
Accurate Mass: 436.127053
Percentage Composition: C 63.30%; H 4.62%; N 6.42%; O 25.66%
Physical Description: Cryst. ($CHCl_3$)
Melting Point: Mp 158-159°
Optical Rotation: $[\alpha]_D^{28}$–16.3 (c, 1 in Me_2CO). $[\alpha]_D$ +3.2 (c, 1 in dioxan)

>>**Derivative:** 2,4,5-Trichlorophenyl ester
Synonym(s): Z-TyrOTcp

CAS Registry Number: 50444-36-5
Melting Point: Mp 149-150°
Optical Rotation: $[\alpha]_D$ –30 (c, 1 in DMF)

>>**Derivative:** *O*-Ac, 4-nitrophenyl ester

Molecular Formula: $C_{25}H_{22}N_2O_8$
Molecular Weight: 478.457
Accurate Mass: 478.137618
Percentage Composition: C 62.76%; H 4.63%; N 5.85%; O 26.75%
Physical Description: Cryst. (C_6H_6/petrol)
Melting Point: Mp 133-135°

>>**Derivative:** *O*-Benzyloxycarbonyl, 2,4,5-trichlorophenyl ester
Synonym(s): Z-Tyr(Z)OTcp

CAS Registry Number: 3065-29-0
Melting Point: Mp 143-144°
Optical Rotation: $[\alpha]_D$ –36 (c, 1 in DMF)

>>**Derivative:** *O*-Benzyloxycarbonyl, succinimido ester
Synonym(s): Z-Tyr(Z)OSu

CAS Registry Number: 6461-23-0
Melting Point: Mp 142-144°
Optical Rotation: $[\alpha]_D$ –48.3 (c, 1 in DMF)