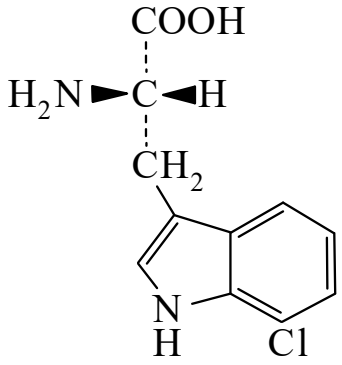
>>**Entry Name: 7-Chlorotryptophan,** 9Cl
Synonym(s): 2-Amino-3-(7-chloro-1*H*-indol-3-yl)propanoic acid



(*S*)-*form*

Extra CAS Registry Numbers(s): 153-97-9

Molecular Formula: $C_{11}H_{11}ClN_2O_2$
Molecular Weight: 238.673
Accurate Mass: 238.050905
Percentage Composition: C 55.36%; H 4.65%; Cl 14.85%; N 11.74%; O 13.41%
Biological Source: Either enantiomer may serve as a precursor of Pyrrolnitrin CKL72-L

>>**Variant:** (*R*)-form
Synonym(s): D-form

CAS Registry Number: 75102-74-8
Molecular Formula: $C_{11}H_{11}ClN_2O_2$
Molecular Weight: 238.673
Accurate Mass: 238.050905
Percentage Composition: C 55.36%; H 4.65%; Cl 14.85%; N 11.74%; O 13.41%
Melting Point: Mp 275 dec.°
Optical Rotation: $[\alpha]_D^{23}$+32.5 (c, 0.04 in H_2O)

>>**Variant:** (*S*)-form
Synonym(s): L-form

CAS Registry Number: 73945-46-7
Molecular Formula: $C_{11}H_{11}ClN_2O_2$
Molecular Weight: 238.673
Accurate Mass: 238.050905
Percentage Composition: C 55.36%; H 4.65%; Cl 14.85%; N 11.74%; O 13.41%
Melting Point: Mp 270 dec.°
Optical Rotation: $[\alpha]_D^{23}$–29.7 (c, 0.06 in H_2O)

References:

van Pée, K.-H. *et al.*, *Angew. Chem., Int. Ed.*, 1980, **19**, 828, *(biosynth)*
van Pée, K.-H. *et al.*, *Annalen*, 1981, 233, *(synth)*
Lee, M. *et al.*, *J. Het. Chem.*, 1994, **31**, 711, *(pmr, cmr)*