



Formula: C₉H₁₀ClNO₂

MW: 199.64

CAS: 14173-39-8

MDL NUMBER: MFCD01573172

IUPAC: (2S)-2-amino-3-(4-chlorophenyl)propanoic acid

Smiles: O=C(O)[C@H](Cc1ccc(cc1)Cl)N

L-4-Chlorophenylalanine 98%

REFERENCE: Fratta W, et al. Letter: The effect of D- and L-p-chlorophenylalanine on the metabolism of 5-hydroxytryptamine in brain. *J Pharm Pharmacol.* 1973 Nov;25(11):908-9
Yoshino T, Yamaguchi I. Possible involvement of 5-HT₂ receptor activation in aggravation of diet-induced acute pancreatitis in mice. *J Pharmacol Exp Ther.* 1997 Dec;283(3):1495-502

ACCEPTORS: 2

DONORS: 3

ROTATION BONDS: 3

N+O: 3

Chiral Centers: 1

LogP: 1.39

LogS: -2.95

LIPINSKI: 4

Synonyms:

L-PCP;L-PCPA;L-P-CHLOROPHENYLALANINE;L-PHE(4-CL);H-P-CHLORO-L-PHE-OH;H-P-CHLORO-PHE-OH;H-PHE(4-CL)-OH;H-PHE(PCL)-OH

CAS:14173-39-8

MF:C9H10ClNO2

MW:199.63

EINECS:238-023-5

Product Categories:Amino Acids;Phenylalanine analogs and other aromatic alpha amino acids;Phenylalanine [Phe, F];Unusual Amino Acids;a-amino L-4-Chlorophenylalanine

Chemical Properties: mp 263 C (dec.)(lit.) alpha -27 (c=0.5, H2O 34 C) storage temp. Store at RT.

CAS DataBase Reference: 14173-39-8(

CAS DataBase Reference:) T,Xi Risk Statements 25-43 Safety Statements 36/37-45 RIDADR UN 2811 6.1/PG 3 WGK Germany 3 L-4-Chlorophenylalanine L-4-Chlorophenylalanine

Usage And Synthesis:

Chemical Properties: white powder L-4-Chlorophenylalanine

