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DATASHEET

p-Chlorophenylalanine

Product overview

Name	p-Chlorophenylalanine
Cat No	HB1647
Alternative names	L-PCPA
Biological action	Inhibitor
Purity	>99%
Description	Irreversible tryptophan hydroxylase inhibitor. Depletes 5-HT.

Biological Data

Biological description	Irreversible tryptophan hydroxylase inhibitor. Depletes serotonin in the brain.
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in water (5mM) or water (10mM, 1eq. NaOH)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	(2S)-2-amino-3-(4-chlorophenyl)propanoic acid
Molecular Weight	199.64
Molecular Formula	C ₉ H ₉ ClNO ₂
CAS Number	7424-00-2
PubChem identifier	24893091
SMILES	C1=CC(=CC=C1CC(C(=O)O)N)Cl
InChi	InChI=1S/C9H9ClNO2/c10-7-3-1-6(2-4-7)5-8(11)9(12)13/h1-4,8H,5,11H2,(H,12,13)/t8-m/s1
InChiKey	NIGWMJHCCYYCSF-QMMMGPBSA-N
MDL number	MFCD00063065