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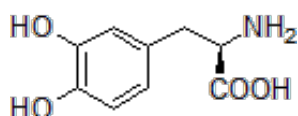
DATASHEET

L-DOPA

Product overview

Name	L-DOPA
Cat No	HB1925
Alternative names	Levodopa
Biological action	Agonist
Purity	>98%
Description	Immediate precursor of dopamine

Images



Biological Data

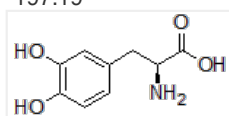
Biological description Immediate precursor of dopamine. Exhibits anti-parkinsonian action.

Solubility & Handling

Storage instructions -20 °C
Solubility overview Soluble in water (5mM) and in 0.05M HCl (50mM)
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 L-3,4-Dihydroxyphenylalanine
Molecular Weight 197.19
Chemical structure



Molecular Formula C₉H₁₁NO₄
CAS Number 59-92-7
PubChem identifier 6047
SMILES C1=CC(=C(C=C1C[C@@H](C(=O)O)N)O)O
InChi InChI=1S/C9H11NO4/c10-6(9(13)14)3-5-1-2-7(11)8(12)4-5/h1-2,4,6,11-12H,3,10H2,(H,13,14)/t6-m/0/s1
InChiKey WTDRDQBEARUVNC-LURJTMIESA-N
MDL number MFCD00002598
Appearance White solid