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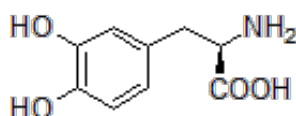
DATASHEET

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.
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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	C ₉ H ₁₁ NO ₄
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