

Product Information

Product ID L1782
CAS No. 59-92-7
Chemical Name 3-Hydroxy-L-tyrosine

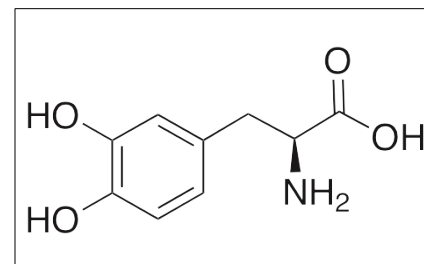
Synonym Bendopa, Dopaflex, Dopaidan, Doparl, Dopaston, Eldopatec, L-DOPA, Maipedopa, Parla, Veldopa

Formula C₉H₁₁NO₄
Formula Wt. 197.19
Melting Point 276-278 °C (dec.)
Purity ≥98%

Solubility Soluble in water, dil HCl, and formic acid. Practically insoluble in ethanol, benzene, chloroform and ethyl acetate.

Store Temp Ambient
Ship Temp Ambient

Description Levodopa (L-DOPA) is an endogenous precursor to dopamine, norepinephrine, and epinephrine; it can also be found in bean plants such as species of *Mucuna*. L-DOPA increases brain dopamine concentrations and is clinically used to treat symptoms of Parkinson's disease. Peripheral increases in dopamine cause many side effects, including dyskinesias, hypotension, and nausea.



Bulk quantities available upon request

Product ID	Size
L1782	1 g
L1782	5 g
L1782	10 g

References Pahwa R, Lyons KE. Treatment of early Parkinson's disease. *Curr Opin Neurol*. 2014 Jun 19. [Epub ahead of print]. PMID: 24950010.

Pd Med Collaborative Group. Long-term effectiveness of dopamine agonists and monoamine oxidase B inhibitors compared with levodopa as initial treatment for Parkinson's disease (PD MED): a large, open-label, pragmatic randomised trial. *Lancet*. 2014 Jun 10. [Epub ahead of print]. PMID: 24928805.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.