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DATASHEET

L-(-)-α-Methyldopa

Product overview

Name $L-(-)-\alpha-Methyldopa$

Cat No HB1822 Biological action Inhibitor

Description L-aromatic amino acid decarboxylase inhibitor

Biological Data

Biological description L-aromatic amino acid decarboxylase inhibitor. Exhibits antihypertensive actions.

Solubility & Handling

Solubility overview Soluble in DMSO (75mM)
Storage instructions Room temperature

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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 3-(3,4-Dihydroxyphenyl)-α-methyl-L-a lanine

Molecular Weight 211.22

Chemical structure

 $\begin{array}{lll} \textbf{SMILES} & \text{OC1=C(O)C=C(C[C@@](N)(C)C(O)=O)C=C1} \\ \textbf{InChiKey} & \text{CJCSPKMFHVPWAR-JTQLQIEISA-N} \\ \end{array}$