

L-Tyrosine

Cat. No. CEGZ-50204

Lot. No. (See product label)

Introduction

Description

L-Tyrosine is a naturally occurring aromatic amino acid and the biosynthetic precursor of catecholamine neurotransmitters, thyroid hormones, and melanin. This product is supplied as white needle-like crystals or crystalline powder; it is odorless with a bitter taste, sparingly soluble in water (about 0.04% at 25 °C), insoluble in absolute ethanol, ether, and acetone, and soluble in dilute acids and alkalis.

Applications

Used as a nutritional supplement ingredient, in cell culture media, as a biochemical reagent, and as a raw material in pharmaceutical synthesis.

Synonyms

(S)-2-Amino-3-(4-hydroxyphenyl)propanoic acid; 3-(4-Hydroxyphenyl)-L-alanine; H-Tyr-OH

Product Information

Appearance

White needle-like crystals or crystalline powder

Form

Powder

CAS No.

60-18-4

Molecular Formula

C₉H₁₁NO₃

Molecular Weight

181.19

Purity

USP

Notes

For research and development use only.

Storage and Shipping Information

Storage

Store in a tightly closed container in a cool, dry place.