

DESCRIPTION

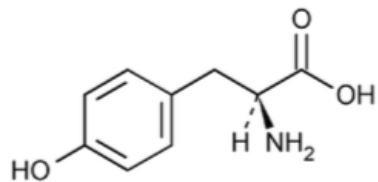
L-tyrosine is one of the 22 amino acids that are used by cells to synthesize proteins. It is a non-essential amino acid with a polar side group. L-tyrosine is an amino acid precursor for synthesis of the neurotransmitters norepinephrine and dopamine.

PRODUCT IDENTIFICATION

CAS No.: 60-18-4

EINECS No.: 200-460-4

Chemical Structure:



Chemical formula: $C_9H_{11}NO_3$ Molecular weight: 181.19

ITEMS	SPECIFICATION
Appearance	White crystals or crystalline powder
Identification	Infrared Absorption
Assay	98.5~101.5%
Residue on ignition	0.4% Max
Chloride(Cl)	0.04% Max
Sulfate(SO ₄)	0.04% Max
Iron(Fe)	30ppm Max
Heavy metals(Pb)	15ppm Max
Individual impurity	0.5% Max
Total impurities	2.0% Max
Specific rotation $[\alpha]_D^{25}$	-9.8°~ -11.2°
Loss on drying	0.3% Max

The standard of FENCHEM

Storage: Store in cool & dry place. Keep away from strong light and heat.

Shelf life: 2 years when properly stored.