

Product Datasheet

GM8690 - L-Tyrosine

Pictograms

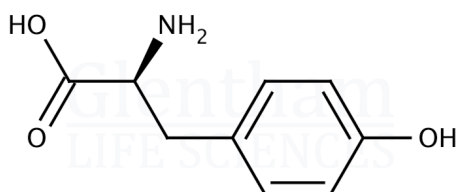


Product Details

Product Name	L-Tyrosine
Glenthams Code	GM8690
CAS Number	60-18-4
EINECS	200-460-4
Numéro MDL	MFCD00002606
PubChem SID	310281516
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture

Structure

Molecular Weight	: 181.19
Molecular Formula	: $C_9H_{11}NO_3$



Glenthams Product Specification

Physical Description	: White or colourless crystals or crystalline powder
Identification (IR)	: To conform to standard
Solubility (5% in 1M HCl)	: Clear, colourless to faint yellow solution
Specific Optical Rotation ($[\alpha]_{25/D}$)	: -11.5 - -9.5 ° (c=5, 1M HCl)
Chloride (Cl)	: $\leq 0.05\%$
Sulphate	: $\leq 0.05\%$
Heavy Metals	: $\leq 15\text{ppm}$
Iron (Fe)	: $\leq 30\text{ppm}$
Lead (Pb)	: $\leq 5\text{ppm}$
Residue on Ignition	: $\leq 0.5\%$
Assay (Titration)	: $\geq 98.5\%$ (dried basis)
Version	: v1.1

About L-Tyrosine

Tyrosine is a conditionally essential amino acid in humans. It is synthesized from phenylalanine and is a precursor to neurotransmitters such as dopamine and epinephrine.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Attention
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P302+P352, P305+P351+P338

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