

Product Datasheet

GM2191 - N-Acetyl-DL-tryptophan,

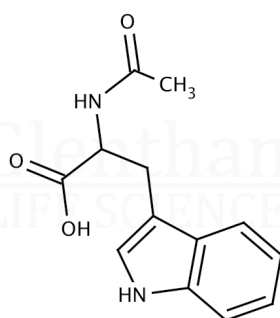
Ph. Eur. grade

Product Details

Product Name	N-Acetyl-DL-tryptophan, Ph. Eur. grade
Glenthams Code	GM2191
CAS Number	87-32-1
EINECS	201-739-3
MDL Number	MFCD00005644
Related Categories	Amino Acid Derivatives, Biochemicals

Structure

Molecular Weight	: 246.27
Molecular Formula	: C ₁₃ H ₁₄ N ₂ O ₃



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

Physical Description	: White or almost white, crystalline powder, or colourless crystals
Identification	: A: To pass optical rotation test
Identification (IR)	: B: To conform to standard
Identification (TLC)	: C: To pass test
Identification	: D: To pass heat test
Identification	: E: Reaction of acetyl test
Appearance of Solution	: 1% in 4% NaOH: Clear, colourless solution (\leq Y7 or \leq GY7)
Specific Optical Rotation ([α] _{20/D})	: -0.1 - +0.1 ° (c=10, 4% w/v NaOH)
Related Substances	: \leq 0.25% (any individual impurity)
Total Impurities	: \leq 0.5%
Ammonium (NH ₄)	: \leq 200ppm
Iron (Fe)	: \leq 10ppm
Heavy Metals (as Pb)	: \leq 10ppm
Loss on Drying	: \leq 0.5% (105°C)
Sulphated Ash	: \leq 0.1%
Assay	: 99.0 - 101.0 % (dried basis)
Bacterial Endotoxins	: \leq 50IU/g
Pharmacopoeia Specification(s)	: Ph. Eur.
Version	: v1.0

About N-Acetyl-DL-tryptophan, Ph. Eur. grade

No further details on record.

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