

## Product Datasheet

### GM2191 - N-Acetyl-DL-tryptophan,

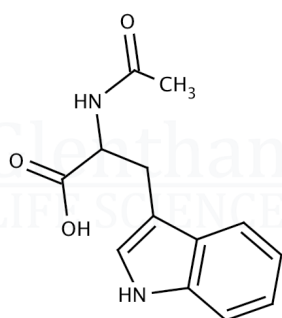
#### Ph. Eur. grade

#### Product Details

Product Name	N-Acetyl-DL-tryptophan, Ph. Eur. grade
Glentham 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 <sub>13</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

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

#### Glentham 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 (≤ Y7 or ≤ GY7)
Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> )	: -0.1 - +0.1 ° (c=10, 4% w/v NaOH)
Related Substances	: ≤ 0.25% (any individual impurity)
Total Impurities	: ≤ 0.5%
Ammonium (NH <sub>4</sub> )	: ≤ 200ppm
Iron (Fe)	: ≤ 10ppm
Heavy Metals (as Pb)	: ≤ 10ppm
Loss on Drying	: ≤ 0.5% (105°C)
Sulphated Ash	: ≤ 0.1%
Assay	: 99.0 - 101.0 % (dried basis)
Bacterial Endotoxins	: ≤ 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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