

Product Datasheet

GP5212 - Nifedipine

Pictograms

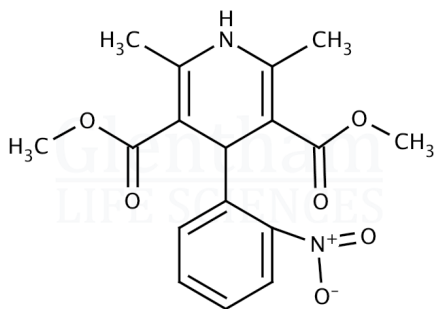


Product Details

Product Name	Nifedipine
Glentham Code	GP5212
CAS Number	21829-25-4
EINECS	244-598-3
MDL Number	MFCD00057326
PubChem SID	310277774
Related Categories	APIs, Biochemicals

Structure

Molecular Weight : 346.33
Molecular Formula : $C_{17}H_{18}N_2O_6$



Glentham Product Specification

Physical Description	: Yellow powder
Assay	: $\geq 98.0\%$ (anhydrous)
Identification	: IR, UV, HPLC
Residue on Ignition	: $\leq 0.1\%$
Chloride	: $\leq 0.02\%$
Sulphate	: $\leq 0.05\%$
Heavy Metals	: $\leq 10\text{ppm}$
Melting Point	: $171.0 - 175.0\text{ }^\circ\text{C}$
Loss on Drying	: $\leq 0.5\%$
Individual Organic Impurities	: $\leq 0.2\%$
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

About Nifedipine

Nifedipine, when exposed to daylight and certain wavelengths of artificial light, readily converts to a nitrosophenylpyridine derivative. Exposure to UV light leads to the formation of a nitrophenylpyridine derivative.

Storage

Recommended storage temperature: $+4^\circ\text{C}$.

Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Acute Tox. 4
Signal Word	Warning
Hazard Codes	H302
Precautionary Codes	P280, P261, P301+P312

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