

Product Datasheet

GP5212 - Nifedipine

Pictograms

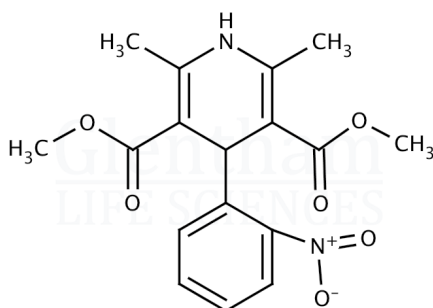


Product Details

| | |
|--------------------|--------------------|
| Product Name | Nifedipine |
| Glenthams 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 ₂ O ₆ |



Glenthams Product Specification

| | |
|--------------------------------|-----------------------|
| Physical Description | : Yellow powder |
| Assay | : ≥ 98.0% (anhydrous) |
| Identification | : IR, UV, HPLC |
| Residue on Ignition | : ≤ 0.1% |
| Chloride | : ≤ 0.02% |
| Sulphate | : ≤ 0.05% |
| Heavy Metals | : ≤ 10ppm |
| Melting Point | : 171.0 - 175.0 °C |
| Loss on Drying | : ≤ 0.5% |
| Individual Organic Impurities | : ≤ 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°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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