

Product Datasheet

GA2492 - Amphotericin B, Ph. Eur. grade

Pictograms

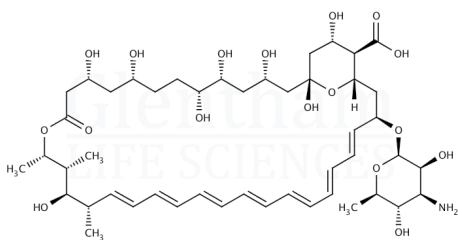


Product Details

| | |
|--------------------|--|
| Product Name | Amphotericin B, Ph. Eur. grade |
| Glenthams Code | GA2492 |
| CAS Number | 1397-89-3 |
| EINECS | 215-742-2 |
| MDL Number | MFCD00877763 |
| Related Categories | APIs, Antibiotics, Antimicrobials, Antifungals |

Structure

| | |
|-------------------|--|
| Molecular Weight | : 924.10 |
| Molecular Formula | : C ₄₇ H ₇₃ NO ₁₇ |



Storage

Recommended storage temperature: +4°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 | Warning |
| Hazard Codes | H315, H336, H335, H319 |
| Precautionary Codes | P280, P261, P302+P352, P305+P351+P338 |

Glenthams Product Specification

| | |
|--------------------------------|--------------------------------|
| Physical Description | : Yellow or orange powder |
| Identification (IR) | : To conform to standard |
| Identification (HPLC) | : To conform to standard |
| Identification | : A, C according to Ph. Eur. |
| Impurity A | : ≤ 5.0% (at 303nm) |
| Any Other Individual Impurity | : ≤ 1.0% (at 303nm) |
| Impurity B | : ≤ 4.0% (at 383nm) |
| Any Other Individual Impurity | : ≤ 2.0% (at 383nm) |
| Total Impurities | : ≤ 15.0% (at 303nm + 383nm) |
| Loss on Drying | : ≤ 5.0% |
| Sulphated Ash | : ≤ 3.0% |
| Assay | : ≥ 750IU/mg (dried substance) |
| Pharmacopoeia Specification(s) | : Ph. Eur. |
| Version | : v1.0 |

About Amphotericin B, Ph. Eur. grade

An antifungal and antiprotozoan that binds to membrane sterols, such as ergosterols. This forms holes in the cell membranes of fungi and yeast, causing the leakage of monovalent ions and subsequent cell death.

Amphotericin B does not have the same effect on bacterial membranes, as they do not contain sterols.

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