

Product Datasheet

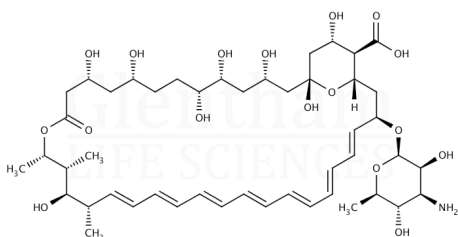
GA8986 - Amphotericin B

Product Details

| | |
|--------------------|--|
| Product Name | Amphotericin B |
| Glenthams Code | GA8986 |
| CAS Number | 1397-89-3 |
| EINECS | 215-742-2 |
| MDL Number | MFCD00877763 |
| PubChem SID | 310266813 |
| Related Categories | APIs, Antibiotics, Biochemicals, Raw Materials (IVD), Reagents for Cell Culture, 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

Pictograms



Glenthams Product Specification

| | |
|----------------------|---|
| Physical Description | : Yellow to dark yellow or orange powder |
| Residue on Ignition | : ≤ 3.0% |
| Amphotericin A | : ≤ 15.0% (dried basis) |
| Loss on Drying | : ≤ 5.0% |
| Potency | : ≥ 750µg/mg (C ₄₇ H ₇₃ NO ₁₇ , dried basis) |
| Version | : v1.1 |

About Amphotericin B

An antifungal and antiprotozoan that binds to membrane sterols, such as ergosterols. This causes the formation of 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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