

Product Datasheet

GA8986 - Amphotericin B

Pictograms



Product Details

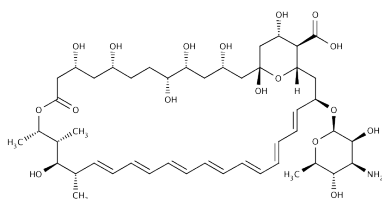
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|--------------------|--|
| Product Name | Amphotericin B |
| Glentham Code | GA8986 |
| CAS Number | 1397-89-3 |
| EINECS | 215-742-2 |
| MDL Number | MFCD00877763 |
| PubChem SID | 310266813 |
| Related Categories | APIs, Antibiotics, Biochemicals,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

Glentham Product Specification

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|----------------------|--|
| 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 (C47H73NO17, dried basis) |
| Version | : v1.1 |

Structure

| | |
|-------------------|--------------|
| Molecular Weight | : 924.10 |
| Molecular Formula | : C47H73NO17 |



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.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

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| Not classified as dangerous for transport. | |
| CLP Classification | Skin Irrit. 2, Eye Irrit. 2, STOT SE 3 |
| Signal Word | Warning |
| Hazard Codes | H315, H319, H335 |
| Precautionary Codes | P261, P280, P302+P352, P305+P351+P338 |

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