

Product Datasheet

GA8986 - Amphotericin B

Pictograms



Product Details

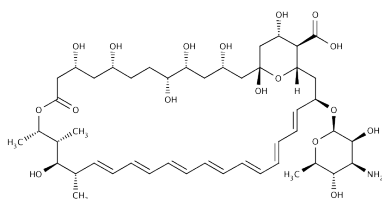
Product Name	: Amphotericin B
Glentham Code	: GA8986
CAS Number	: 1397-89-3
EINECS	: 215-742-2
MDL Number	: MFCD00877763
PubChem SID	: 310266813
Related Categories	: APIs, Antibiotics, Biochemicals, Raw Materials (IVD), Reagents for Cell Culture, Antimicrobials, Antifungals

Glentham Product Specification

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	: C ₄₇ H ₇₃ NO ₁₇



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

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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