

## Product Datasheet

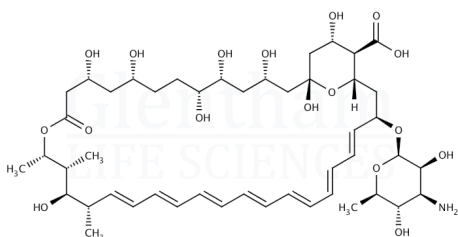
### GA8986 - Amphotericin B

#### 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	: $\leq 3.0\%$
Amphotericin A	: $\leq 15.0\%$ (dried basis)
Loss on Drying	: $\leq 5.0\%$
Potency	: $\geq 750\mu\text{g}/\text{mg}$ (C47H73NO17, 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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