

## Product Datasheet

### GA2492 - Amphotericin B, Ph. Eur. grade

Pictograms

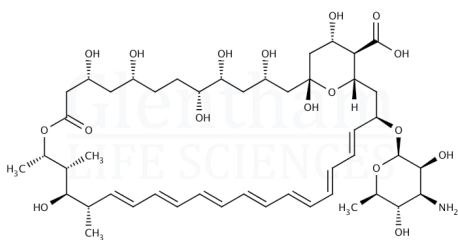


#### Product Details

Product Name	Amphotericin B, Ph. Eur. grade
Glentham 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 <sub>47</sub> H <sub>73</sub> NO <sub>17</sub>



#### 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

#### Glentham 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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