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Product Datasheet

Amphotericin B, CAS [[1397-89-3]]
FBM-10-2430

Artikelname	Amphotericin B, CAS [[1397-89-3]]
Artikelnummer	FBM-10-2430
Hersteller Artikelnummer	10-2430
Alternativnummer	FBM-10-2430-1G,FBM-10-2430-5G
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Antifungal agent...
Molekulargewicht	924.08
Reinheit	90% by HPLC NMR (Conforms)
Formulierung	Yellow or orange solid
CAS Nummer	[1397-89-3]
Formel	C ₄₇ H ₇₃ NO ₁₇
Anwendungsbeschreibung	Amphotericin B is a powerful antimycotic, effective against a wide variety of fungi, including yeast, via two mechanisms: forming pores in the plasma membrane, leading to leakage and death¹, and causing oxidative stress². Other mechanisms have more recently been proposed, including formation of intracellular amphotericin B-containing vesicular bodies that target vacuoles³. Amphotericin B is also effective against some parasites, such as <i>Leishmania</i> spp⁴. Because of its potency and broad-spectrum activity, it is a common additive used to maintain sterility in cell culture and viral transport media.