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Product Datasheet

Aflatoxin B1, CAS [[1162-65-8]] FBM-10-3504

Article Name	Aflatoxin B1, CAS [[1162-65-8]]
Biozol Catalog Number	FBM-10-3504
Supplier Catalog Number	10-3504
Alternative Catalog Number	FBM-10-3504-1MG, FBM-10-3504-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mycotoxin...
Molecular Weight	312.28
Purity	>98% by HPLC, NMR (conforms)
Form	White solid
CAS Number	[1162-65-8]
Formula	C ₁₇ H ₁₂ O ₆
Application Notes	Aflatoxin B1 (1162-65-8) is a highly toxic, carcinogenic mycotoxin produced by <i>Aspergillus parasiticus</i> and <i>Aspergillus flavus</i> . ¹ In the liver Aflatoxin B1 is converted to an epoxide (aflatoxin B1-8,9-epoxide) which is highly reactive and forms conjugates with DNA, RNA, thiols, and proteins. ² Aflatoxin B1 reactive metabolites drive oxidative stress, inflammation and apoptosis. ³ Warning: TOXIC. Avoid exposure by all routes.