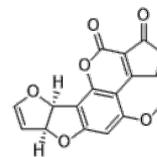

Product Name	: Aflatoxin B1
Cat. No.	: PC-26374
CAS No.	: 1162-65-8
Molecular Formula	: C ₁₇ H ₁₂ O ₆
Molecular Weight	: 312.28
Target	: Other Targets
Solubility	: 10 mM in DMSO



Biological Activity

Aflatoxin B1 (AFB1) is a Group 1A carcinogen and a secondary metabolite produced by *Aspergillus flavus* and *A. parasiticus*, can induces mutations by causing a G to T transversion at the third nucleotide of codon 249 in the tumor suppressor gene p53.

References

- Rushing, et al. Food and chemical toxicology 124 (2019): 81-100.
Aguilar F, et al. Proc Natl Acad Sci U S A. 1993 Sep 15;90(18):8586-90.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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