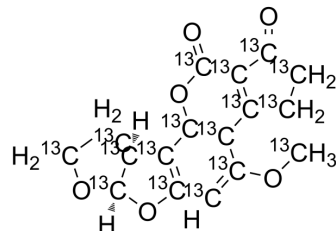


Aflatoxin B2-¹³C₁₇

Cat. No.:	HY-N6696S
CAS No.:	1217470-98-8
Molecular Formula:	¹³ C ₁₇ H ₁₄ O ₆
Molecular Weight:	331.16
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aflatoxin B2- ¹³ C ₁₇ is ¹³ C- and ¹⁵ N-labeled Aflatoxin B2 (HY-N6696). Aflatoxin B2 is a major naturally produced aflatoxin. Aflatoxin B2 is a mycotoxin produced by the fungi <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> . The level of toxicity associated with Aflatoxin is Aflatoxin B1>Aflatoxin M1>Aflatoxin G1>Aflatoxin B2>Aflatoxin M2>Aflatoxin G2 ^{[1][2]} .
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA