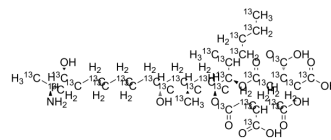


Fumonisin B3-¹³C₃₄

Cat. No.:	HY-N6726S
CAS No.:	2819816-90-3
Molecular Formula:	¹³ C ₃₄ H ₅₉ NO ₁₄
Molecular Weight:	739.58
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Fumonisin B3- ¹³ C ₃₄ is the ¹³ C labeled Fumonisin B3 (HY-N6726) ^[1] . Fumonisin B3 is a mycotoxin derived from fusarium fungi, a member of fumonisins ^[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]. Gelderblom WC, et al. Fumonisins: isolation, chemical characterization and biological effects. Mycopathologia. 1992 Feb;117(1-2):11-6.
- [2]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-220.

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

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