



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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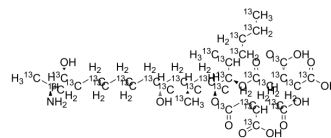
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## Fumonisin B3-<sup>13</sup>C<sub>34</sub>

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-N6726S                                                                                 |
| CAS No.:           | 2819816-90-3                                                                              |
| Molecular Formula: | <sup>13</sup> C <sub>34</sub> H <sub>59</sub> NO <sub>14</sub>                            |
| 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- <sup>13</sup> C <sub>34</sub> is the <sup>13</sup> C labeled Fumonisin B3 (HY-N6726) <sup>[1]</sup> . Fumonisin B3 is a mycotoxin derived from fusarium fungi, a member of fumonisins <sup>[2]</sup> .                                                                                                                                                                                                           |
| 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 <sup>[1]</sup> .<br>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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