



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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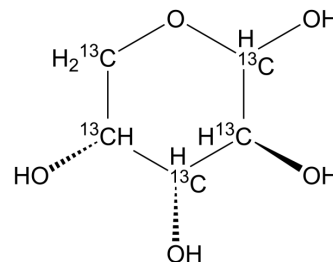
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D-Arabinose-¹³C₅

Cat. No.:	HY-N7082S
Molecular Formula:	¹³ C ₅ H ₁₀ O ₅
Molecular Weight:	155.09
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

D- Arabinose-¹³C₅ is ¹³C labeled D- Arabinose. D-Arabinose, a monosaccharide, shows strong growth inhibition against the *Caenorhabditis elegans* with an IC₅₀ of 7.5 mM^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Sakoguchi H, et al. Growth inhibitory effect of D-arabinose against the nematode *Caenorhabditis elegans*: Discovery of a novel bioactive monosaccharide. *Bioorg Med Chem Lett*. 2016 Feb 1;26(3):726-729.

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

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