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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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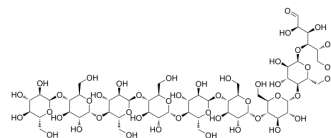
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Maltonaose

Cat. No.:	HY-N8326
CAS No.:	6471-60-9
Molecular Formula:	C ₅₄ H ₉₂ O ₄₆
Molecular Weight:	1477.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Maltonaose is a linear oligosaccharide consisting of 9 glucose units linked by alpha-1, 4-glucoside bonds. Maltonaose is used as a substrate to study the subsites affinity of glucoamylase. Maltonaose can be used to determine the activity of amylase and to optimize the process of starch hydrolysis^{[1][2]}.

REFERENCES

- [1]. ERMER J, et al. Subsite affinities of *Aspergillus niger* glucoamylase II determined with p-nitrophenylmaltooligosaccharides[J]. 1993.
- [2]. Tran P L, et al. One-step synthesis of glycogen-type polysaccharides from maltooctaose and its structural characteristics[J]. Carbohydrate Polymers, 2022, 284: 119175.

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

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