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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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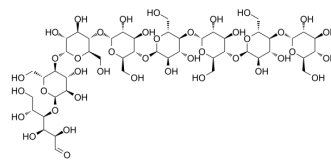
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Maltooctaose

Cat. No.:	HY-N9406
CAS No.:	66567-45-1
Molecular Formula:	C ₄₈ H ₈₂ O ₄₁
Molecular Weight:	1315.14
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Maltooctaose, a specific-length maltooligosaccharide, can be produced by PFTA (Pyrococcus furiosus) ^[1] .
In Vitro	PFTA (Pyrococcus furiosus) is a very special enzyme that can easily open up the certain cyclodextrin molecules to produce specific-length maltooligosaccharides, particularly maltohexaose, maltoheptaose, and maltooctaose ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yang SJ, et al. Enzymatic preparation of maltohexaose, maltoheptaose, and maltooctaose by the preferential cyclomaltooligosaccharide (cyclodextrin) ring-opening reaction of Pyrococcus furiosus thermostable amylase [published correction appears in Carbohydr Res. 2006 Jul 3;341(9):1192]. Carbohydr Res. 2006;341(3):420-424.

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

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