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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Invertase, baker's yeast (*S. cerevisiae*)

Cat. No.:	HY-P2979
CAS No.:	9001-57-4
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Invertase

BIOLOGICAL ACTIVITY

Description	Invertase, baker's yeast (<i>S. cerevisiae</i>) is a major enzyme present in plants and microorganisms, is often used in biochemical studies. Invertase catalyzes the hydrolysis of the disaccharide sucrose into glucose and fructose ^[1] .
In Vitro	<p>This product is obtained through deep microbial fermentation and is used to catalyze the hydrolysis of sucrose.</p> <p>Temperature range: effective temperature range 20-60°C, optimal temperature is 45-55°C</p> <p>pH range: effective pH range 3.0-8.0, optimal pH is 4.5-5.5</p> <p>Inhibitors: Fe³⁺, Cu²⁺, Hg⁺, Pb⁺</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Sainz-Polo MA, et al. Three-dimensional structure of *Saccharomyces* invertase: role of a non-catalytic domain in oligomerization and substrate specificity. *J Biol Chem.* 2013 Apr 5;288(14):9755-9766.

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

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