



# 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

### SZABO-SCANDIC HandelsgmbH

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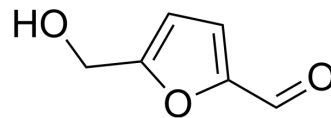
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## 5-Hydroxymethylfurfural (Standard)

Cat. No.:	HY-Y0051R
CAS No.:	67-47-0
Molecular Formula:	C <sub>6</sub> H <sub>6</sub> O <sub>3</sub>
Molecular Weight:	126.11
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	5-Hydroxymethylfurfural (Standard) is the analytical standard of 5-Hydroxymethylfurfural. This product is intended for research and analytical applications. 5-Hydroxymethylfurfural (2-Hydroxymethyl-5-furfural), derived from <i>Cornus officinalis</i> , inhibits yeast growth and fermentation as stressors.
IC <sub>50</sub> & Target	Yeast <sup>[1]</sup> .

### REFERENCES

[1]. Iwaki A, et al. Biomass conversion inhibitors furfural and 5-hydroxymethylfurfural induce formation of messenger RNP granules and attenuate translation activity in *Saccharomyces cerevisiae*. *Appl Environ Microbiol.* 2013 Mar;79(5):1661-7.

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

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