



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## Glucose isomerase, streptomyces murinus

Cat. No.:	HY-E70342	
CAS No.:	9023-82-9	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Glucose isomerase, streptomyces murinus
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### BIOLOGICAL ACTIVITY

#### Description

Glucose isomerase, streptomyces murinus is a biocatalyst and a key enzyme in new biocatalyst technology. Enzyme engineering focuses on enhancing enzyme reaction kinetics, substrate selectivity, and activity under harsh conditions such as low or high pH. By introducing stimulus responsiveness to these enzyme modifications, dynamic control of activity is also possible<sup>[1]</sup>.

### REFERENCES

[1]. Lancaster L , et al. Engineering enzyme microenvironments for enhanced biocatalysis. Chem Soc Rev. 2018 Jul 17;47(14):5177-5186.

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

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