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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Glycerol kinase, microorganism

Cat. No.:	HY-P2917	
CAS No.:	9030-66-4	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Glycerol kinase, microorganism
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : ≥ 50 mg/mL * "≥" means soluble, but saturation unknown.
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BIOLOGICAL ACTIVITY

Description	Glycerol kinase (EC 2.7.1.30) (GyK) is a bacterial sugar kinase, is often used in biochemical studies. Glycerol kinase catalyzes the first step of glycerol metabolism by transforming the triol into glycerol-3-P (G3P). Glycerol kinase is crucial for regulating channel/facilitator-independent uptake of glycerol into the cell ^[1] .
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REFERENCES

[1]. Yeh JI, et al. Structural characterizations of glycerol kinase: unraveling phosphorylation-induced long-range activation. *Biochemistry*. 2009 Jan 20;48(2):346-56.

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

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