



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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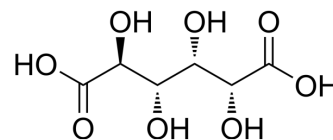
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Saccharic acid

Cat. No.:	HY-W345885		
CAS No.:	87-73-0		
Molecular Formula:	C ₆ H ₁₀ O ₈		
Molecular Weight:	210.14		
Target:	β-glucuronidase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Saccharic acid is a competitive inhibitor of β-glucuronidase. Saccharic acid considerably retards hydrolysis of the glucuronide of 'l-ortho-hydroxyphenylazo-2-naph-thol' by frozen mouse kidney sections, but has no effect on liver regeneration following damage and on growth in infant mice ^{[1][2]} .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

- [1]. Challenger F, et al. Formation of organic acids from sugars by *Aspergillus niger*[J]. *Nature*, 1927, 119(3001): 674-674.
- [2]. KARUNAIKATNAM MC, et al. The inhibition of beta-glucuronidase by saccharic acid and the role of the enzyme in glucuronide synthesis. *Biochem J.* 1949;44(5):699-704.

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

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