



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

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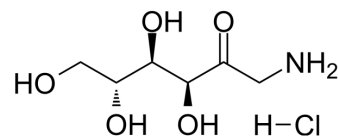
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Fructosamine hydrochloride

Cat. No.:	HY-W414321
CAS No.:	39002-30-7
Molecular Formula:	C ₆ H ₁₄ ClNO ₅
Molecular Weight:	215.63
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

Fructosamine hydrochloride (D-Isoglucosamine hydrochloride) is a metabolic intermediate and component of cell membranes and cartilage. Fructosamine hydrochloride induces site-specific breaks in DNA chains, especially in the presence of Cu²⁺[1].

REFERENCES

[1]. Nanjou S, et al., Sequence-specific alkali-labile lesions in DNA caused by D-isoglucosamine. Biochim Biophys Acta. 1986 Feb 24;866(1):44-52.

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

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