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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Inulin

Cat. No.:	HY-N7075
CAS No.:	9005-80-5
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month

Inulin

SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (Need ultrasonic) H ₂ O : ≥ 50 mg/mL * "≥" means soluble, but saturation unknown.
In Vivo	1. Add each solvent one by one: PBS Solubility: 27.5 mg/mL (Infinity mM); Clear solution; Need ultrasonic 2. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution 3. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution

BIOLOGICAL ACTIVITY

Description	Inulin is a storage polysaccharide and belongs to a group of non-digestible carbohydrates, fructan. Inulin is from plants of the Compositae and Liliaceae families, often used as a prebiotic, fat replacer, sugar replacer, texture modifier, plays beneficial role in gastric [1].
IC ₅₀ & Target	Human Endogenous Metabolite

CUSTOMER VALIDATION

- Front Pharmacol. 2023 Jul 24;14:1226448.
- FASEB J. 2021 Nov;35(11):e22003.

See more customer validations on www.MedChemExpress.com

REFERENCES

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

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