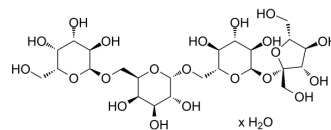


## Stachyose hydrate

Cat. No.:	HY-N0299		
CAS No.:	54261-98-2		
Molecular Formula:	C <sub>24</sub> H <sub>42</sub> O <sub>21</sub> ·xH <sub>2</sub> O		
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



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 125 mg/mL (Need ultrasonic)
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### BIOLOGICAL ACTIVITY

Description	Stachyose hydrate act as a prebiotic to enhance the growth and activity of beneficial bacteria. Stachyose hydrate exhibit a hypoglycemic effect, and improve inflammation through modulating gut microbiota <sup>[1]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### REFERENCES

[1]. Cai-Na Li, et al. Berberine combined with stachyose induces better glycometabolism than berberine alone through modulating gut microbiota and fecal metabolomics in diabetic mice. *Phytother Res.* 2020 May;34(5):1166-1174.

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

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