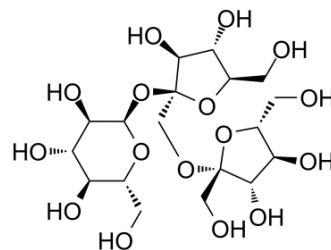


1-Kestose

| | |
|--------------------|---|
| Cat. No.: | HY-N2579 |
| CAS No.: | 470-69-9 |
| Molecular Formula: | C ₁₈ H ₃₂ O ₁₆ |
| Molecular Weight: | 504.44 |
| Target: | Others |
| Pathway: | Others |
| Storage: | -20°C, protect from light |
| | * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



BIOLOGICAL ACTIVITY

| | |
|-------------|--|
| Description | 1-Kestose, the smallest fructooligosaccharide component, which efficiently stimulates <i>Faecalibacterium prausnitzii</i> as well as <i>Bifidobacteria</i> . |
| In Vitro | <i>Faecalibacterium prausnitzii</i> is anti-inflammatory commensal bacterium identified by gut microbiota analysis of Crohn disease. <i>Bifidobacteria</i> exerts a beneficial effect on atopic dermatitis (AD) ^[1] . |

REFERENCES

[1]. Tochio T, et al. 1-Kestose, the Smallest Fructooligosaccharide Component, Which Efficiently Stimulates *Faecalibacterium prausnitzii* as Well as *Bifidobacteria* in Humans. *Foods*. 2018 Sep 1;7(9). pii: E140.

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

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