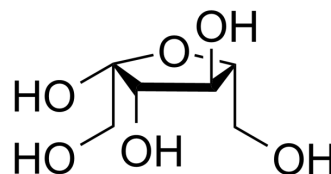


β-D-Fructose

Cat. No.:	HY-113319
CAS No.:	53188-23-1
Molecular Formula:	C ₆ H ₁₂ O ₆
Molecular Weight:	180.16
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	β-D-Fructose is a β-fruit sugar that can be produced by the hydrolysis of sucrose. β-D-Fructose can be used as a sweetness potentiator. β-D-Fructose can be designed as a units of antiproliferative agents against breast (MCF-7) and colon (MDST8) cancer cell lines ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Carreiro EP, et al. Novel hydroxyamides and amides containing D-glucopyranose or D-fructose units: Biological assays in MCF-7 and MDST8 cell lines. Bioorg Med Chem Lett. 2016 Feb 1;26(3):1039-1043.

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

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