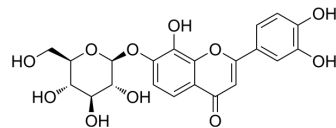


8,3',4'-Trihydroxyflavone-7-O-β-D-glucopyranoside

Cat. No.:	HY-N9916
CAS No.:	925701-05-9
Molecular Formula:	C ₂₁ H ₂₀ O ₁₁
Molecular Weight:	448.38
Target:	Amylases
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	8,3',4'-Trihydroxyflavone-7-O-β-D-glucopyranoside (Compound 3) is natural product that can be isolated from <i>Bidens bipinnata</i> . 8,3',4'-Trihydroxyflavone-7-O-β-D-glucopyranoside shows 22% inhibition against α-amylase at 0.556 mg/mL ^[1] .
IC ₅₀ & Target	α-amylase ^[1]

REFERENCES

[1]. Yang XW, et al. Phenolics from *Bidens bipinnata* and their amylase inhibitory properties. *Fitoterapia*. 2012 Oct;83(7):1169-75.

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

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