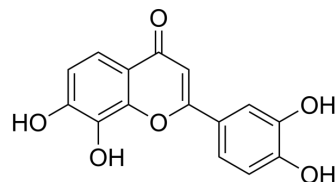


7,8,3',4'-Tetrahydroxyflavone

Cat. No.:	HY-N8600
CAS No.:	3440-24-2
Molecular Formula:	C ₁₅ H ₁₀ O ₆
Molecular Weight:	286.24
Target:	Xanthine Oxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description	7,8,3',4'-Tetrahydroxyflavone (compound 2) is a potent xanthine oxidase (XOD) inhibitor with an IC ₅₀ value of 10.488 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 10.488 μM (XOD) ^[1]

REFERENCES

[1]. Tung YT, et al. Inhibition of xanthine oxidase by *Acacia confusa* extracts and their phytochemicals. *J Agric Food Chem.* 2010 Jan 27;58(2):781-6.

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

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