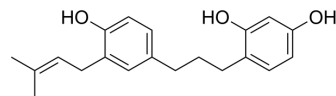


Broussonin C

Cat. No.:	HY-N2962
CAS No.:	76045-49-3
Molecular Formula:	C ₂₀ H ₂₄ O ₃
Molecular Weight:	312.4
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Broussonin C is a competitive inhibitor of Tyrosinase that can be isolated from *Broussonetia kazinoki*. Broussonin C inhibits monophenolase and diphenolase with IC₅₀s of 0.43 and 0.57 μM, respectively^[1].

REFERENCES

[1]. Baek YS, et al. Rengasamy R, Yang MS, Park KH. Tyrosinase inhibitory effects of 1,3-diphenylpropanes from *Broussonetia kazinoki*. *Bioorg Med Chem*. 2009 Jan 1;17(1):35-41.

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

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