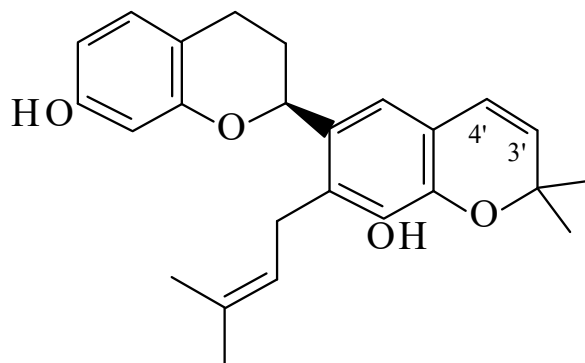




>>Entry Name: Kazinol B

Synonym(s): 3,4-Dihydro-2',2'-dimethyl-7'-(3-methyl-2-butenyl)-[2,6'-bi-2*H*-1-benzopyran]-7,8'-diol, 9Cl



CAS Registry Number: 99624-27-8

Molecular Formula: C₂₅H₂₈O₄

Molecular Weight: 392.494

Accurate Mass: 392.19876

Percentage Composition: C 76.50%; H 7.19%; O 16.31%

Biological Source: Constit. of *Broussonetia papyrifera*

Physical Description: Oil

Optical Rotation: $[\alpha]_{\text{D}}^{24} -20$ (c, 0.38 in CHCl₃)

>>Derivative: 3',4'-Dihydro, 3'ξ,4'ξ-dihydroxy

Synonym(s): Brousoflavan A

Molecular Formula: C₂₅H₃₀O₆

Molecular Weight: 426.508

Accurate Mass: 426.20424

Percentage Composition: C 70.40%; H 7.09%; O 22.51%

Biological Source: Isol. from *Broussonetia papyrifera*

Physical Description: Yellow amorph. powder (Me₂CO/hexane)

Melting Point: Mp 238-240°

Optical Rotation: $[\alpha]_{\text{D}}^{25} -17.65$ (c, 0.09 in Me₂CO)

References:

Ikuta, J. *et al.*, *Heterocycles*, 1985, **23**, 2835, (*Kazinol B*)

Fang, S.C. *et al.*, *Phytochemistry*, 1994, **37**, 851, (*Brousoflavan A*)