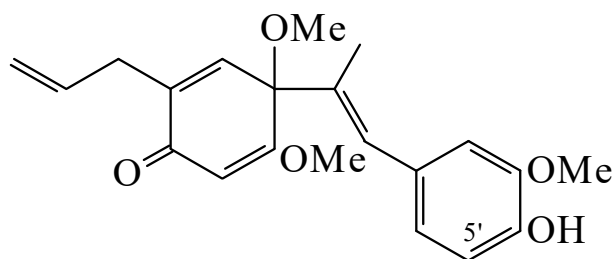




>>Entry Name: Hancinone B



CAS Registry Number: 111843-09-5

Molecular Formula: C<sub>21</sub>H<sub>24</sub>O<sub>5</sub>

Molecular Weight: 356.418

Accurate Mass: 356.162375

Percentage Composition: C 70.77%; H 6.79%; O 22.44%

Biological Source: Isol. from *Piper hancei*

>>Derivative: Me ether, 5'-methoxy

Synonym(s): Hancinone C

CAS Registry Number: 111843-10-8

Molecular Formula: C<sub>23</sub>H<sub>28</sub>O<sub>6</sub>

Molecular Weight: 400.471

Accurate Mass: 400.18859

Percentage Composition: C 68.98%; H 7.05%; O 23.97%

Biological Source: Isol. from *Piper hancei*

>>Derivative: Me ether

Synonym(s): Wallichinin. 4-[2-(3,4-Dimethoxyphenyl)-1-methylethenyl]-4,5-dimethoxy-2-(2-propenyl)-2,5-cyclohexadien-1-one, 9CI

CAS Registry Number: 125292-97-9

Molecular Formula: C<sub>22</sub>H<sub>26</sub>O<sub>5</sub>

Molecular Weight: 370.444

Accurate Mass: 370.178025

Percentage Composition: C 71.33%; H 7.07%; O 21.59%

Biological Source: Constit. of *Piper polysyphorum*, *Piper hancei*, *Piper wrightii* and *Piper wallichii*

Biological Use/Importance: Platelet-activating factor inhibitor

Physical Description: Oil

Other Data: Reported to be racemic from *Piper wallichii*

References:

Li, S. *et al.*, *Zhiwu Xuebao*, 1987, **29**, 293-296; *CA*, **108**, 3404u, (*isol*, Hancinone C)

Han, G.Q. *et al.*, *Yaoxue Xuebao*, 1989, **24**, 438-443; *CA*, **112**, 91459, (*Wallichinin*)

Prasad, A.K. *et al.*, *Tetrahedron*, 1994, **50**, 2231-2240; 6721, (*Wallichinin*)