



>>>Derivative: 3,3',5-Tri-Me ether

Synonym(s): 4,4',9-Trihydroxy-3,3',5-trimethoxy-7,9'-epoxylignan. **5'-Methoxylariciresinol**

CAS Registry Number: 105256-12-0

Molecular Formula: C₂₁H₂₆O₇

Molecular Weight: 390.432

Accurate Mass: 390.167855

Percentage Composition: C 64.60%; H 6.71%; O 28.69%

Biological Source: Constit. of *Wikstroemia elliptica*

Biological Use/Importance: Cytotoxic agent

Physical Description: Powder

Solubility: BERDY SOL: Sol. MeOH, CHCl₃; poorly sol. H₂O

UV: [neutral] λ_{max} 230 (ε 51290); 281 (ε 15490) (MeOH) [neutral] λ_{max} 230 (ε 51290); 281 (ε 15490) (MeOH) (Berdy)

>>>Derivative: 3,3',4,5-Tetra-Me ether

Synonym(s): 4',9-Dihydroxy-3,3',4,5-tetramethoxy-7,9'-epoxylignan

CAS Registry Number: 129684-05-5

Molecular Formula: C₂₂H₂₈O₇

Molecular Weight: 404.459

Accurate Mass: 404.183505

Percentage Composition: C 65.33%; H 6.98%; O 27.69%

Biological Source: Constit. of *Virola elongata*

Physical Description: Oil

>>>Derivative: 3,3',4,4',5-Penta-Me ether

Synonym(s): 9-Hydroxy-3,3',4,4',5-pentamethoxy-7,9'-epoxylignan

CAS Registry Number: 129684-04-4

Molecular Formula: C₂₃H₃₀O₇

Molecular Weight: 418.486

Accurate Mass: 418.199155

Percentage Composition: C 66.01%; H 7.23%; O 26.76%

Biological Source: Constit. of *Virola elongata*

References:

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Hsiao, J.J. *et al.*, *Phytochemistry*, 1995, **39**, 899
El-Gamal, A.A. *et al.*, *Phytochemistry*, 1997, **45**, 597, (*tri-Me ether diglucoside*)
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