[**Product Information**]

**Name:** Coniferin  
**Catalog No.:** CFN98886  
**Cas No.:** 531-29-3  
**Purity:** > 95%  
**M.F:** C_{16}H_{22}O_{8}  
**M.W:** 342.34  
**Physical Description:** Powder  
**Synonyms:** 4-(3-Hydroxy-1-propenyl)-2-methoxyphenyl β-D-glucopyranoside;  
4-Hydroxy-3-methoxy-1-(γ-hydroxypropenyl)benzene-4-D-glucoside;  
Abietin; Coniferoside; Coniferyl alcohol β-D-glucoside.

[**Intended Use**]

1. Reference standards;  
2. Pharmacological research;  
3. Synthetic precursor compounds;  
4. Intermediates & Fine Chemicals;  
5. Others.

[**Source**]

The herbs of *Acanthopanax gracilistylus.*
[ Biological Activity or Inhibitors]  
Coniferin, the glucoside of the monolignol coniferyl alcohol; coniferin, syringin, and a synthetic coniferin analog are preferred substrates for the coniferin beta-glucosidase, the chromogenic coniferin analog show the exclusive presence of beta-glucosidase activity in the differentiating xylem, similar to peroxidase activity.[1]  
The extracts of the Balanophora involucrate and trans-Coniferin have anti-oxidation effects. [2]

[ Solvent ]
Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ][3]
Mobile phase: Methanol - 0.1 % Phosphoric acid H2O=30:70 ;  
Flow rate: 1.0 ml/min;  
Column temperature: Room Temperature;  
The wave length of determination: 290 nm.

[ Storage ]
2-8°C, Protected from air and light, refrigerate or freeze.

[ References ]

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