5,5'-Dimethoxylariciresinol 4-O-glucoside Datasheet

[ Product Information ]

Name: 5,5'-Dimethoxylariciresinol 4-O-glucoside
Catalog No.: CFN99647
Cas No.: 154418-16-3
Purity: > 95%
M.F: C_{28}H_{38}O_{13}
M.W: 582.6
Physical Description: Powder
Synonyms: 4-[(2S,3R,4R)-4-(4-Hydroxy-3,5-dimethoxybenzyl)-3-(hydroxymethyl)tetrahydro-2-furanyl]-2,6-dimethoxyphenyl β-D-glucopyranoside; 5,5’-Dimethoxylariciresinol-4’-O-beta-D-glucoside.

[ Intended Use ]

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

[ Source ]

The herbs of *Lonicera maackii*. 
**[Biological Activity or Inhibitors]**

5,5'-Dimethoxylariciresinol-4'-O-beta-D-glucoside is shown to effectively enhance chemosensitivity of resistant cells, which makes it may be a suitable candidate for potential multidrug resistance (MDR)-reversing agents.\(^1\)

**[Solvent]**

Pyridine, Methanol, Ethanol, etc.

**[HPLC Method]**\(^2\)

Mobile phase: Acetonitrile-H\(_2\)O=14:86;
Flow rate: 1.0 ml/min;
Column temperature: 25°C;
The wave length of determination: 280 nm.

**[Storage]**

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

**[References]**


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