[Product Information]

Name: Agrimol B
Catalog No.: CFN98169
Cas No.: 55576-66-4
Purity: >=98%
M.F: C_{37}H_{48}O_{12}
M.W: 682.75
Physical Description: Powder
Synonyms: (2S)-1-[3,5-Bis[[2,6-dihydroxy-4-methoxy-3-methyl-5-(1-oxobutyl)phenyl]met
hyl]-2,4,6-trihydroxyphenyl]-2-methyl-1-butanone;(S)-(+) Agrimol B.

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

[Source]
The herbs of Agrimonia pilosa Ledeb.

[Biological Activity or Inhibitors]
Agrimol B, isolated from the methanol extract of Agrimonia pilosa, has antibacterial activity against *Pseudomonas syringae pv. lacrymans* (bacterial leaf spot pathogen), *Ralstonia solanacearum* (tomato bacterial wilt pathogen) and *Pseudomonas syringae pv. tabaci* (*Tobacco wild fire pathogen*).[1]

Agrimol B has a therapeutic potential on alleviating obesity, through modulation of SIRT1-PPARγ signal pathway.[2]

**[Solvent]**

Pyridine, Methanol, Ethanol, etc.

**[HPLC Method]**[3]

Mobile phase: Methanol -H2O-Triethylamine=58:42:0.2 ;
Flow rate: 1.2 ml/min;
Column temperature: 25 °C;
The wave length of determination: 325 nm.

**[Storage]**

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

**[References]**


**[Contact]**

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