[Product Information]

Name: Sagittatoside A
Catalog No.: CFN90139
Cas No.: 118525-35-2
Purity: >=98%
M.F: C_{33}H_{40}O_{15}
M.W: 676.67

Physical Description: Yellow powder

Synonyms: 3-[(6-Deoxy-2-O-beta-D-glucopyranosyl-alpha-L-mannopyranosyl)oxy]-5,7-dihydroxy-2-(4-methoxyphenyl)-8-(3-methyl-2-buten-1-yl)-4H-1-benzopyran-4-one.

[Intended Use]

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

[Source]

The roots of *Epimedium brevicomu Maxim.*

[Biological Activity or Inhibitors]
Sagittatoside A stimulates estrogen response (ER)-dependent osteoblastic functions in UMR-106 cells, and exerts its actions by ligand-independent activation of ERα, sagittatoside A has estrogen-like protective effects on bone.[1]

[ Solvent ]
Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ][2] 
Mobile phase: Acetonitrile- H2O, gradient elution ;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 270 nm.

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

[ References ]

[ Contact ]
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