[ Product Information ]

Name: Phytolaccagenin
Catalog No.: CFN99844
Cas No.: 1802-12-6
Purity: >=98%
M.F: C₃₁H₄₈O₇
M.W: 532.7
Physical Description: Powder

[ Intended Use ]

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

[ Source ]

The roots of Phytolacca acinosa Roxb.

[ Biological Activity or Inhibitors ]
Esculentoside A and its aglycone phytolaccagenin have inhibitory effects on lipopolysaccharide-induced NO production, and haemolytic activities.[1]
Phytolaccagenin has promising antifungal activity against ATCC standard cultures of Candida albicans and Cryptococcus neoformans, and against clinical isolates of these fungi.[2]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][3]
HPLC-MS:
Mobile phase: 0.1% Formic acid in water-Acetonitrile, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
Ion source temperature: 300 °C;
Ion spray voltage: 5.0 kV.

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

[ References ]

[ Contact ]
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