[Product Information]

Name: Cornin
Catalog No.: CFN98160
Cas No.: 548-37-8
Purity: >=98%
M.F: C_{17}H_{24}O_{10}
M.W: 388.37

Physical Description: Powder

Synonyms: Cyclopenta(c)pyran-4-carboxylic acid, 1,4a,5,6,7,7a-hexahydro-1-(beta-d-glucopyranosyloxy)-7-methyl-5-oxo-methylester, (1s-(1-alpha,4a-alpha,7-alpha,7a-alpha)-Verbenaline.

[Intended Use]

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

[Source]

The fruits of *Cornus officinalis* Sieb. et Zucc.
[ Biological Activity or Inhibitors]

Cornin has protective potential against cerebral ischemia injury and its protective effects may be due to amelioration of cerebral mitochondrial function and its antioxidant property.[1]

Cornin induces angiogenesis in vitro by increasing proliferation, invasion and tube formation, and it induces angiogenesis in vitro via a programmed PI3K/Akt/eNOS/VEGF signaling axis.[2]

Cornin has antimitotic action on dividing cell. [3]

Cornin has cardioprotection against experimental myocardial ischemic injury due to an increase in expression of phospho-CREB and phospho-Akt.[4]

[ Solvent ]

Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ]

Not data available.

[ Storage ]

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

[ References ]


[ Contact ]

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