[Product Information]

Name: Docosyl caffeate

Catalog No.: CFN98349

Cas No.: 28593-92-2

Purity: > 95%

M.F: C₃₁H₅₂O₄

M.W: 488.8

Physical Description: Powder

Synonyms: Docosyl (2E)-3-(3,4-dihydroxyphenyl)acrylate.

[Intended Use]

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

[Source]

The roots of Glycyrrhiza uralensis Fisch.

[Biological Activity or Inhibitors]

Docosyl caffeate and eicosanyl caffeate exhibit potent elastase inhibitory activity, with IC₅₀...
values of 1.4 microg/mL and 0.99 microg/mL, respectively; they also show moderate antioxidant activity in DPPH and ABTS scavenging assays, indicates that they may have anti-ulcer properties.[1]

Docosyl caffeate has significant anti-inflammation activity in mice with ear swelling.[2]

[ **Solvent** ]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ **HPLC Method** ]

Not data available.

[ **Storage** ]

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

[ **References** ]


[ **Contact** ]

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