

5-O-p-Coumaroylquinic acid

Cat. No. HBS-0175

Lot. No. (See product label)

Product Name

5-O-p-Coumaroylquinic acid

Product Overview

5-O-p-Coumaroylquinic acid is a naturally occurring phenolic compound classified under hydroxycinnamic acid derivatives. Structurally, it is analogous to 4-p-Coumaroylquinic acid, featuring an additional coumaric acid moiety esterified at the 5-position of the quinic acid framework. This compound is prevalent in a range of plant sources and exhibits biological activities akin to those of 4-p-Coumaroylquinic acid.

Synonyms

(1R,3R,4S,5R)-1,3,4-Trihydroxy-5-[[3-(4-hydroxyphenyl)-1-oxo-2-propen-1-yl]oxy]cyclohexanecarboxylic acid,, Cyclohexanecarboxylic acid, Cyclohexanecarboxylic acid, 1,3,4-trihydroxy-5-[[3-(4-hydroxyphenyl)-1-oxo-2-propenyl]oxy]-, (1R,3R,4S,5R)-, Cyclohexanecarboxylic acid, 1,3,4-trihydroxy-5-[[3-(4-hydroxyphenyl)-1-oxo-2-propen-1-yl]oxy]-, (1R,3R,4S,5R)

Assay

≥95%

Appearance

white to off-white powder or crystals

Boiling point

613.2 °C

Melting point

192-199 °C

Density

1.55 g/cm³

Package Size

50mg

Storage

2-8°C

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