

Product Data Sheet

Product Name: 1-O-trans-p-Coumaroylglycerol

Cat. No.: GF42915

Chemical Properties

Cas. No. 106055-11-2

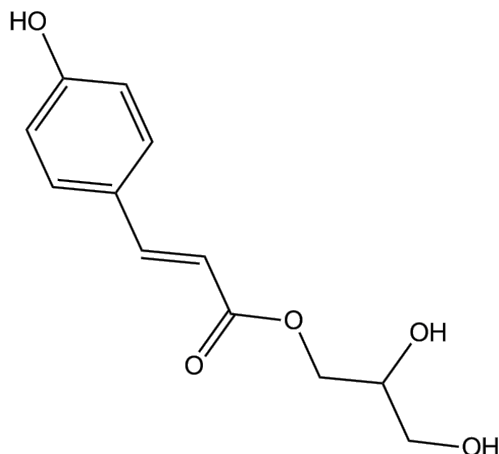
Formula $C_{12}H_{14}O_5$ M.Wt 238.24

Solubility DMSO : 100 mg/mL (419.74 mM; Storage -20°C
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

1-O-trans-p-Coumaroylglycerol is a compound found in certain plants that has neuroprotective activity. 1-O-trans-p-Coumaroylglycerol has shown potential in protecting against neurodegenerative diseases. 1-O-trans-p-Coumaroylglycerol is also believed to act as a natural antioxidant, and its applications may include improving cognitive function and supporting neurological health^[1].

References:

[1]. From Foxtail Millet Husk (Waste) to Bioactive Phenolic Extracts Using Deep Eutectic Solvent Extraction and Evaluation of Antioxidant, Acetylcholinesterase, and α -Glucosidase Inhibitory Activities

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