
Product Data Sheet

Product Name: (E)-Coniferin

Cat. No.: GC62733

Chemical Properties

Cas. No. 124151-33-3

Formula $C_{16}H_{22}O_8$ M.Wt 342.34

Solubility 23mg/ml in DMSO Storage Store at 2-8°C, protect from light

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

Background

(E)-Coniferin is the isomer of Coniferin. Coniferin is a glucoside of coniferyl alcohol. Coniferin inhibits fungal growth and melanization[1].

[1]. KÖnig S, et al. Soluble phenylpropanoids are involved in the defense response of Arabidopsis against *Verticillium longisporum*. *New Phytol.* 2014 May;202(3):823-37.

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