

## Product Data Sheet

Product Name: Methyl Eugenol

Cat. No.: GC38962

### Chemical Properties

Cas. No. 93-15-2

SMILES COC1=CC(CC=C)=CC=C1OC

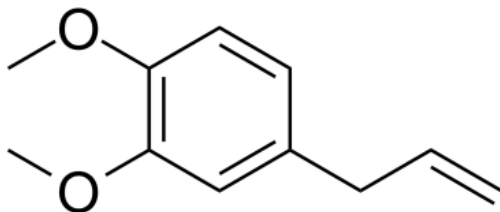
Formula  $C_{11}H_{14}O_2$  M.Wt 178.23

Solubility DMSO : 100 mg/mL (561.07 mM; Need ultrasonic);  $H_2O$  : < 0.1 mg/mL (insoluble) Storage Store at -20°C

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

Methyl Eugenol, a phenylpropanoid chemical in leaves, fruits, stems, and/or roots, may be released when that corresponding part of a plant is damaged as a result of feeding by an herbivore. Methyl Eugenol is used for male annihilation of the oriental fruit fly[1].

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

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[1]. Tan KH, et al. Methyl eugenol: its occurrence, distribution, and role in nature, especially in relation to insect behavior and pollination. J Insect Sci. 2012;12:56.

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