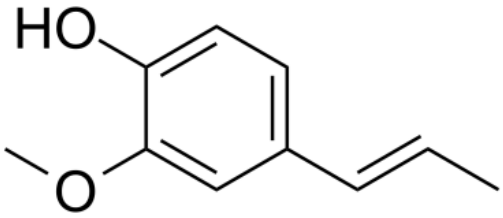
Product Data Sheet

Product Name: Isoeugenol
Cat. No.: GC60946

Chemical Properties

Cas. No.	97-54-1		
SMILES	OC1=CC=C(/C=C/C)C=C1OC		
Formula	$C_{10}H_{12}O_2$	M.Wt	164.2
Solubility	DMSO : 100mg/mL	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

Isoeugenol is an essential oil constituent of nutmeg, clove, and cinnamon. Isoeugenol inhibits growth of Escherichia coli and Listeria innocua with MICs of 0.6 mg/mL and 1 mg/mL, respectively[1].

Isoeugenol's antibacterial activity covers a broad range of Gram-positive and Gram-negative bacteria, including Escherichia coli, Bacillus licheniformis, Micrococcus luteus, Pseudomonas aeruginosa, Salmonella type B, and Staphylococcus aureus[1].

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

Product Data Sheet

[1]. Hyldgaard M, et al. Isoeugenol has a non-disruptive detergent-like mechanism of action.Front Microbiol. 2015 Jul 28;6:754.