

Product Data Sheet

Product Name: β -Myrcene

Cat. No.: GC41502

Chemical Properties

Cas. No. 123-35-3

SMILES C/C(C)=C/CCC(C=C)=C

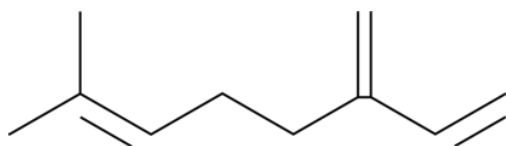
Formula $C_{10}H_{16}$ M.Wt 136.2

Solubility Ethanol : ≥ 100 mg/mL (734.05 mM); Storage Store at -20°C
DMSO : 100 mg/mL (734.05 mM);
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



Background

β -Myrcene is a terpene that has been found in Cannabis and has antioxidative properties. It reduces thiobarbituric acid reactive substance (TBARS) and increases glutathione (GSH), catalase, GSH peroxidase, and CuZn superoxide dismutase levels in a rat model of persistent environmental pollutant-induced oxidative stress when administered at a dose of 200 mg/kg per day.

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