

Product Data Sheet

Product Name: Guaiazulene

Cat. No.: GC38440

Chemical Properties

Cas. No. 489-84-9

SMILES CC(C1=CC2=C(C)C=CC2=C(C)C=C1)C

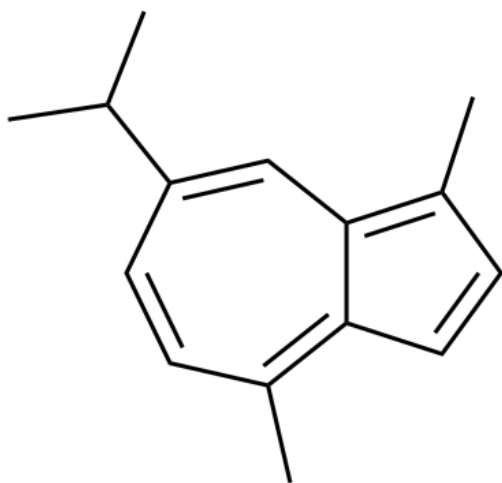
Formula $C_{15}H_{18}$ M.Wt 198.3

Solubility DMSO: 250 mg/mL (1260.72 mM) 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

Guaiazulene is present in several essential oils of medicinal and aromatic plants, with antioxidant activity. Guaiazulene has in vitro cytotoxic activity against neuron and N2a neuroblastom (N2a-NB) cells[1][2].

[1]. Kourounakis AP, et al. Antioxidant activity of guaiazulene and protection against paracetamol hepatotoxicity in rats. J Pharm Pharmacol. 1997 Sep;49(9):938-42. [2]. Togar B, et al. Guaiazulene biochemical activity and cytotoxic and genotoxic effects on rat neuron and N2a neuroblastom cells. J

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

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Intercult Ethnopharmacol. 2015 Jan-Mar;4(1):29-33.

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