

Product Data Sheet

Product Name: Perillene

Cat. No.: GC49411

Chemical Properties

Cas. No. 539-52-6

SMILES C/C(C)=C/CCC1=COC=C1

Formula C₁₀H₁₄O

M.Wt 150.2

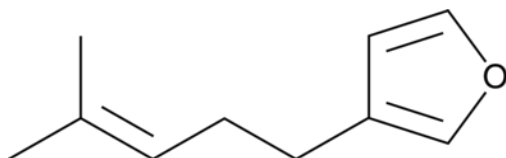
Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:2): 0.33 mg/ml, Ethanol: 10 mg/ml

Storage -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

Perillene is a monoterpene that has been found in *P. citriodora*.^{1,2}

1. Umney, J.C. Essential oil of perilla. *Perfum. Essent. Oil Rec.* 10170-171 (1919) 2. Nishizawa, A., Honda, G., and Tabata, M. Genetic control of perillene accumulation in *Perilla frutescens*. *Phytochemistry* 29(9)2873-2875 (1990)

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

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