
Product Data Sheet

Product Name: Vomifoliol

Cat. No.: GC60383

Chemical Properties

Cas. No. 23526-45-6

SMILES O=C1C=C(C)[C@@]1/C=C/[C@H](O)C(O)C(C)(C)C1Formula C₁₃H₂₀O₃

M.Wt 224.3

Solubility DMSO : 50 mg/mL (222.92 mM; Need ultrasonic)

Storage

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**

Vomifoliol, a compound related to abscisic acid (ABA), has a modified 2,4-pentadiene side chain and has activity equal to that displayed by ABA. Vomifoliol exhibits antiacetylcholinesterase activity and displays moderate antileishmanial activity[1][2].

[1]. Stuart KL, et al. The effect of vomifoliol on stomatal aperture. *Planta*. 1975;122(3):307-310. [2]. Mogana R, et al. The antiacetylcholinesterase and antileishmanial activities of *Canarium patentinervium* Miq. *Biomed Res Int*. 2014;2014:903529.

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

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