
Product Data Sheet

Product Name: 8,9-Epoxy-3-isobutyryloxy-10-(2-methylbutanoyl)thymol
Cat. No.: GC35198

Chemical Properties

Cas. No. 22518-07-6

SMILES CCC(C)C(OCC1(C2=C(C=C(C)C=C2)OC(C(C)C)=O)CO1)=O

Formula C₁₉H₂₆O₅ M.Wt 334.41

Solubility Soluble in DMSO 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

8,9-Epoxy-3-isobutyryloxy-10-(2-methylbutanoyl)thymol is a chemical composition of essential oils from *Telekia speciosa*. 8,9-Epoxy-3-isobutyryloxy-10-(2-methylbutanoyl)thymol also shows marked antiproliferative activity against human cancer cell lines in vitro[1].

[1]. Wajs-Bonikowska A, et al. Chemical composition of essential oils from a multiple shoot culture of *Telekia speciosa* and different plant organs. *Nat Prod Commun.* 2012 May;7(5):625-8.

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

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