
Product Data Sheet

Product Name: Morellic acid

Cat. No.: GC39024

Chemical Properties

Cas. No. 5304-71-2

SMILES O=C(O)/C(C)=C\C[C@@]1(C2=O)OC(C)(C)[C@@](C[C@@]2([H])C=C34)([H])[C@]31OC5=C(C(O)=C(C=CC(C)(C)O6)C6=C5C/C=C(C)\C)C4=OFormula C₃₃H₃₆O₈

M.Wt 560.63

Solubility DMSO : 100 mg/mL (178.37 mM; Need ultrasonic) 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**

Morellic acid is isolated from Garcinia Morella with an antiangiogenic activity[1].

[1]. Li SL, et al. Improved high-performance liquid chromatographic method for simultaneous determination of 12 cytotoxic caged xanthenes in gamboges, a potential anticancer resin from Garcinia hanburyi. Biomed Chromatogr. 2008 Jun;22(6):637-44. [2]. Yang J, et al. In vitro and in vivo antiangiogenic activity of caged polyprenylated xanthenes isolated from Garcinia hanburyi Hook. f. Molecules. 2013 Dec 11;18(12):15305-13.

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

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