

Product Data Sheet

Product Name: Sinapaldehyde

Cat. No.: GC61277

Chemical Properties

Cas. No. 4206-58-0

SMILES O=C/C=C/C1=CC(OC)=C(O)C(OC)=C1

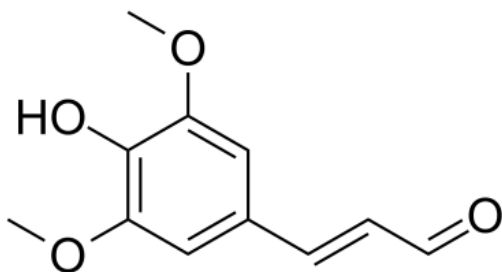
Formula $C_{11}H_{12}O_4$ M.Wt 208.21

Solubility DMSO : 50 mg/mL (240.14 mM; Need ultrasonic) Storage 4°C, protect from light

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

Sinapaldehyde, isolated from the stems of *Rhodamnia dumetorum*, exhibits moderate antibacterial against Methicillin resistant *S. aureus* (MRSA) and *E. coli* with MIC values of 128 and 128 µg/mL[1].

[1]. Waranya Lakornwong, et al. A New Coruleoellagic Acid Derivative From Stems of *Rhodamnia Dumetorum*. Nat Prod Res. 2018 Jul;32(14):1653-1659.

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

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