

Product Data Sheet

Product Name: Scutellarein tetramethyl ether

Cat. No.: GC37608

Chemical Properties

Cas. No. 1168-42-9

SMILES O=C1C=C(C2=CC=C(OC)C=C2)OC3=CC(OC)=C(OC)C(OC)=C13

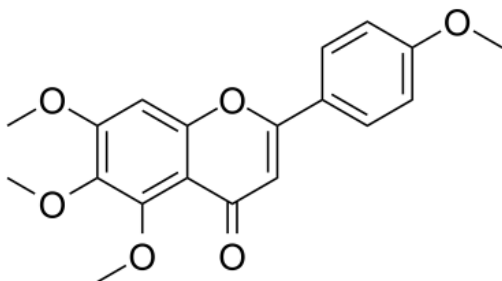
Formula $C_{19}H_{18}O_6$ M.Wt 342.34

Solubility DMSO : 83.33 mg/mL (243.41 mM; Storage 4°C, protect from light
Need ultrasonic)

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

Scutellarein tetramethyl ether (4',5,6,7-Tetramethoxyflavone) is a bioactive component of Siam weed extract. Scutellarein tetramethyl ether (4',5,6,7-Tetramethoxyflavone) exhibits anti-inflammatory activity through NF-κB pathway[1]. Scutellarein tetramethyl ether (4',5,6,7-Tetramethoxyflavone) modulates bacterial drug resistance via efflux pump inhibition[2]. Scutellarein tetramethyl ether (4',5,6,7-Tetramethoxyflavone) can enhance blood coagulation[3].

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

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[1]. Pandith H, et al. Effect of Siam weed extract and its bioactive component scutellarein tetramethyl ether on anti-inflammatory activity through NF- κ B pathway. J Ethnopharmacol. 2013 May 20;147(2):434-41. [2]. Maia GL, et al. Flavonoids from Praxelis clematidea R.M. King and Robinson modulate bacterial drug resistance. Molecules. 2011 Jun 10;16(6):4828-35. [3]. Triratana T, et al. Effect of Eupatorium odoratum on blood coagulation. J Med Assoc Thai. 1991 May;74(5):283-7.

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