

Product Data Sheet

Product Name: Skimmianine

Cat. No.: GC39014

Chemical Properties

Cas. No. 83-95-4

SMILES COC1=C2N=C(OC=C3)C3=C(OC)C2=CC=C1OC

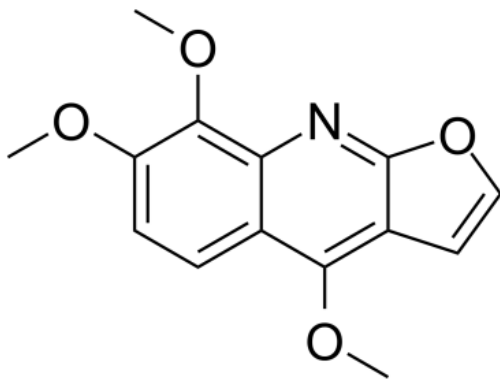
Formula $C_{14}H_{13}NO_4$ M.Wt 259.26

Solubility DMSO : 33.33 mg/mL (128.56 mM; ultrasonic and warming and heat to 60°C) 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

Skimmianine is a furoquinoline alkaloid present mainly in the Rutaceae family, with analgesic, antispastic, anti-inflammatory activities and antiplatelet aggregation effect. Skimmianine exhibits cytotoxicity against a variety of cancer cell lines and genotoxicity[1].

[1]. Huang A, et al. Metabolic Profile of Skimmianine in Rats Determined by Ultra-Performance Liquid

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

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Chromatography Coupled with Quadrupole Time-of-Flight Tandem Mass Spectrometry. Molecules.
2017 Mar 23;22(4).

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