

Product Data Sheet

Product Name: Hardwickiic acid

Cat. No.: GC65531

Chemical Properties

Cas. No. 1782-65-6

Formula C₂₀H₂₈O₃

M.Wt 316.43

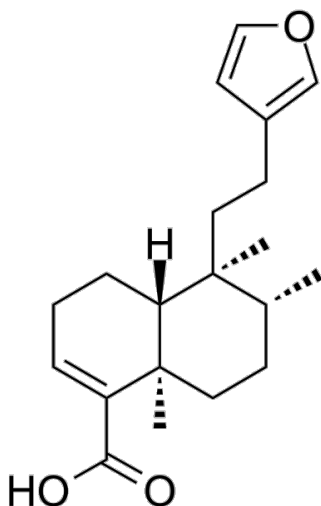
Solubility

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

Hardwickiic acid ((-)-Hardwikiic acid) is an antinociceptive compound that blocks Tetrodotoxin-sensitive voltage-dependent sodium channels. Hardwickiic acid shows insecticidal activity[1][2].

[1]. Cai S, et al. (-)-Hardwickiic Acid and Hautriwaic Acid Induce Antinociception via Blockade of Tetrodotoxin-Sensitive Voltage-Dependent Sodium Channels. ACS Chem Neurosci. 2019 Mar

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

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20;10(3):1716-1728. [2]. Bandara BM, et al. Isolation and Insecticidal Activity of (-)-Hardwickiic Acid from *Croton aromaticus*. *Planta Med.* 1987 Dec;53(6):575.

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