

Product Data Sheet

Product Name: m-Nifedipine

Cat. No.: GC63808

Chemical Properties

Cas. No. 21881-77-6

Formula C₁₇H₁₈N₂O₆

M.Wt 346.33

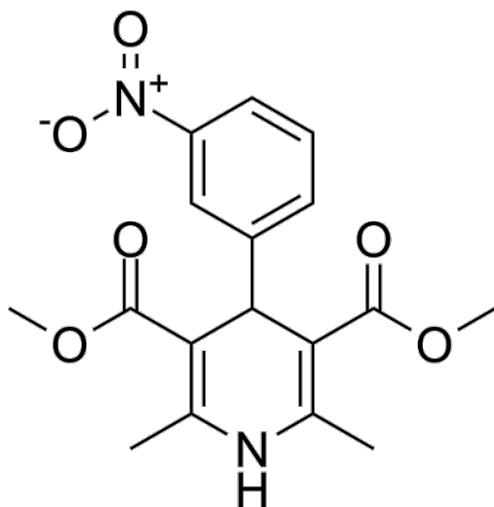
Solubility Ethanol : 5 mg/mL (14.44 mM;
ultrasonic and warming and heat to
60°C)

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

m-Nifedipine is an impurity of Nifedipine (BAY-a-1040). Nifedipine is a potent calcium channel blocker and drug of choice for cardiac insufficiencies[1].

[1]. Rathe MS, et al. Effect of azithromycin on gingival overgrowth induced by cyclosporine A + nifedipine combination therapy: A morphometric analysis in rats. J Indian Soc Periodontol. 2016 Jul-Aug;20(4):396-401.

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

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