

Product Data Sheet

Product Name: Boc-D-Leucine monohydrate

Cat. No.: GC64976

Chemical Properties

Cas. No. 200937-17-3

Formula C₁₁H₂₃NO₅

M.Wt 249.3

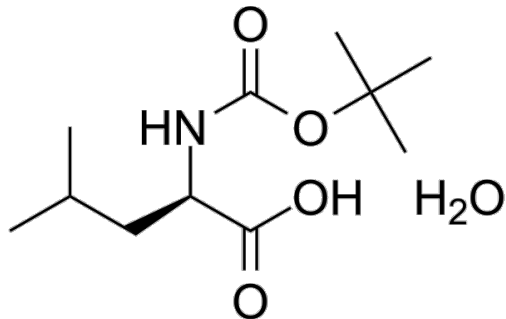
Solubility DMSO : 100 mg/mL (401.12 mM; ultrasonic and warming and heat to 60°C)

Storage 4°C, away from moisture

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

Boc-D-Leucine monohydrate (Boc-D-Leu-OH hydrate) is an N-Boc-protected form of D-Leucine (L330150). D-Leucine is an unnatural isomer of L-Leucine (L330110) that acts as an auto-inhibitor of lactic streptococci. D-Leucine shows potent anti-seizure effect[1].

[1]. Hartman AL, et al. Potent anti-seizure effects of D-leucine. Neurobiol Dis. 2015 Oct;82:46-53.

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

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