
Product Data Sheet

Product Name: Palmitoyl glutamic acid

Cat. No.: GC63588

Chemical Properties

Cas. No. 38079-66-2

Formula C₂₁H₃₉NO₅

M.Wt 385.54

Solubility DMSO : 125 mg/mL (324.22 mM; Need ultrasonic) 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**

Palmitoyl glutamic acid (N-Palmitoyl-L-glutamic acid) is an acyl amino acid with neuroprotective effects[1]. Palmitoyl glutamic acid is used as cosmetic material[2].

[1]. Bo Tan, et al. Identification of endogenous acyl amino acids based on a targeted lipidomics approach. J Lipid Res. 2010 Jan;51(1):112-9.

[2]. Philippe Ilecti, et al. Cosmetic composition for coating keratin fibres comprising a hard wax. WO2014060310A1

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

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