
Product Data Sheet

Product Name: DL-Leucyl-DL-phenylalanine

Cat. No.: GC64138

Chemical Properties

Cas. No. 56217-82-4

Formula C₁₅H₂₂N₂O₃

M.Wt 278.35

Solubility 1M HCl : 16.67 mg/mL (59.89 mM; ultrasonic and adjust pH to 3 with HCl)

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**

DL-Leucyl-DL-phenylalanine is a dipeptide and can be used as a substrate to detect two regions of dipeptidase staining on a gel in *Drosophila simulans* as well as in *Drosophila melanogaster*[1][2].

DL-Leucyl-DL-phenylalanine is a dipeptide[1].

[1]. Ohnishi S,. Comparative studies of allozyme loci in *Drosophila simulans* and *Drosophila melanogaster*. I. Three dipeptidase loci. *Biochem Genet.* 1981;19(1-2):75-85.

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

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