

Product Data Sheet

Product Name: H-D-Phe-OH

Cat. No.: GA11246

Chemical Properties

Cas. No. 673-06-3

Chemical Name (2R)-2-amino-3-phenylpropanoic acid

SMILES C1=CC=C(C=C1)CC(C(=O)O)N

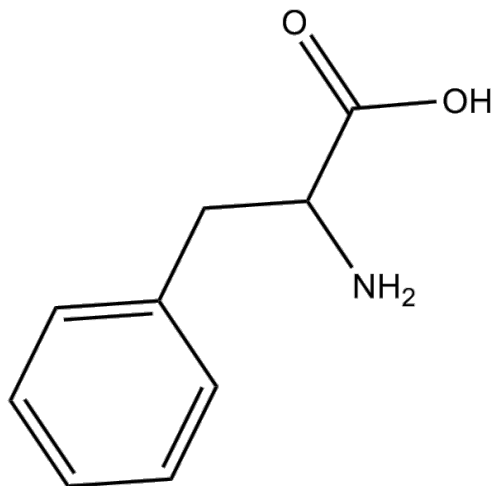
Formula $C_9H_{11}NO_2$ M.Wt 165.2

Solubility DMSO:PBS (pH 7.2) (1:4): 0.2mg/mL 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

D-Phenylalanine is the synthetic dextro isomer of phenylalanine. D-Phenylalanine inhibits biofilm development of *Pseudoalteromonas* sp. SC2014[1].

References:

[1]. Li E, et al. D-Phenylalanine inhibits biofilm development of a marine microbe,

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

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Pseudoalteromonas sp. SC2014. FEMS Microbiol Lett. 2016 Sep;363(18).

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