

Product Data Sheet

Product Name: H-Ile-OH

Cat. No.: GA10951

Chemical Properties

Cas. No. 73-32-5

Chemical Name (2S,3S)-2-amino-3-methylpentanoic acid

SMILES CCC(C)C(C(=O)O)N

Formula $C_6H_{13}NO_2$

M.Wt 131.2

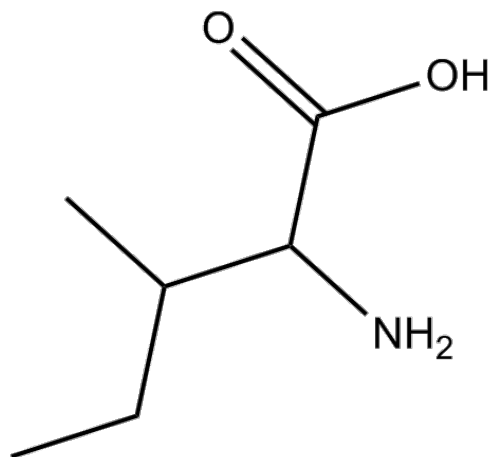
Solubility Water : 26mg/mL

Storage Store at RT

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

L-Isoleucine is a nonpolar hydrophobic amino acid^[1]. L-Isoleucine is an essential amino acid.

References:

[1]. Arkhipov SG, et al. New hydrophobic L-amino acid salts: maleates of L-leucine, L-isoleucine and L-norvaline. Acta Crystallogr C Struct Chem. 2015 Jul;71(Pt 7):584-92.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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