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**Product Data Sheet**

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Product Name: H-Abu-OH

Cat. No.: GA10567

**Chemical Properties**

Cas. No. 1492-24-6

Chemical Name (2S)-2-aminobutanoic acid

SMILES CCC(C(=O)O)NFormula  $C_4H_9NO_2$ 

M.Wt 103.1

Solubility Soluble in water or 1% acetic acid Storage Desiccate 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**

H-Abu-OH, one of the three isomers of aminobutyric acid, is elevated in the plasma of children with with Reye's syndrome, tyrosinemia, homocystinuria, nonketotic hyperglycinemia, and ornithine transcarbamylase deficiency.

**References:**

[1]. Yudkoff M, et al. On the clinical significance of the plasma alpha-amino-n-butyric acid:leucine ratio. Am J Clin Nutr. 1979 Feb;32(2):282-5.

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

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