

Product Data Sheet

Product Name: (S)-3-Amino-2-methylpropanoic acid hydrochloride

Cat. No.: GF48729

Chemical Properties

Cas. No. 925704-45-6

Formula $C_4H_9NO_2$ M.Wt 139.58

Solubility H_2O : 100 mg/mL(716.44 mM; Need ultrasonic)) Storage Store at room temperature

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

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

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(S)- β -Aminoisobutyric acid hydrochloride is a non-protein amino acid originating from the catabolism of thymine and valine^[1].

References:

[1].CRUMPLER HR, et al. beta-Aminoisobutyric acid (alpha-methyl-beta-alanine); a new amino-acid obtained from human urine. Nature. 1951 Feb 24;167(4243):307-8.

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