

Product Data Sheet

Product Name: H-Dap-OH•HCl

Cat. No.: GA10084

Chemical Properties

Cas. No. 1482-97-9

Chemical Name (2S)-2,3-diaminopropanoic acid;hydrochloride

SMILES C(C(C(=O)O)N)N.Cl

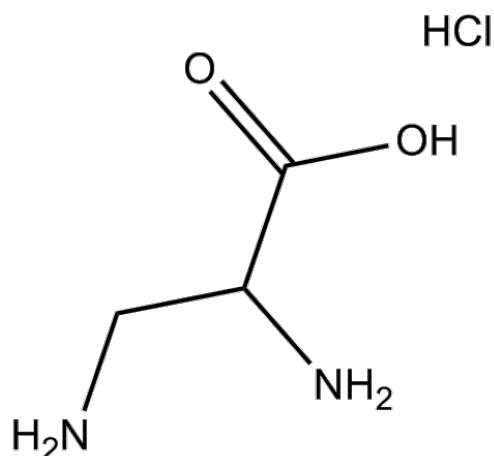
Formula $C_3H_8N_2O_2 \cdot HCl$ M.Wt 140.6

Solubility Water : 100 mg/mL (711.39 mM) Storage

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

2,3-Diaminopropionic acid hydrochloride is a competitive inhibitor of cystathionase (CTH)[1].

References:

[1]. Mushahwar IK, et al. Rat liver L-diaminopropionate ammonia lyase. Identification as cystathionase. J Biol Chem. 1973 Nov 10;248(21):7407-11.

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

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