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**Product Data Sheet**

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Product Name: N-carbamoyl-DL-aspartic acid

Cat. No.: GC11828

**Chemical Properties**

Cas. No. 923-37-5

Chemical Name 2-((hydroxy(imino)methyl)amino)succinic acid

SMILES N=C(O)NC(C(O)=O)CC(O)=OFormula  $C_5H_8N_2O_5$  M.Wt 176.13Solubility  $\geq 5.87\text{mg/mL}$  in Water with ultrasonic and warming Storage Store at  $-20^\circ\text{C}$ General tips For obtaining a higher solubility , please warm the tube at  $37^\circ\text{C}$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^\circ\text{C}$  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**

N-Carbamoyl-DL-aspartic acid (Ureidosuccinic acid) is a precursor of nucleic acid pyrimidines[1].

References:

[1]. ANDERSON EP, et al. Ureidosuccinic acid as a precursor of nucleic acid pyrimidines in normal and tumor-bearing mice. J Biol Chem. 1955 Apr;213(2):625-33.

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

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