

## Product Data Sheet

Product Name: DL-Asparagine

Cat. No.: GC61431

### Chemical Properties

Cas. No. 3130-87-8

SMILES NC(C(O)=O)CC(N)=O

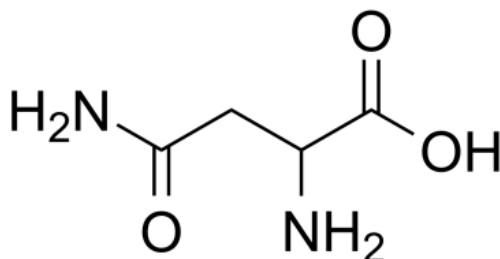
Formula  $C_4H_8N_2O_3$  M.Wt 132.12

Solubility  $H_2O$  : 50 mg/mL (378.44 mM; Need ultrasonic) Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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

DL-Asparagine is a racemic melange of the Asparagine L and D-enantiomers. DL-Asparagine has been used in growth-media for bacteria-growth[1].

[1]. Nabila Moussa Slimane, et al. dl-Asparaginium nitrate. Acta Crystallogr Sect E Struct Rep Online. 2009 Aug 19;65(Pt 9):o2180-1.

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

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