

Product Data Sheet

Product Name: DL-Serine

Cat. No.: GC33396

Chemical Properties

Cas. No. 302-84-1

SMILES NC(CO)C(=O)O

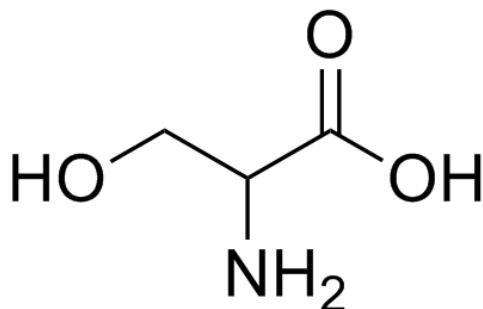
Formula C3H7NO3 M.Wt 105.09

Solubility Water : (mg/mL) 0°C 22.04mg/mL; 25°C 50.23mg/mL; 50°C 103mg/mL; 75°C 192mg/mL; 100°C 322mg/mL
Storage Store at RT

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

DL-Serine is a mixture of D-Serine and L-Serine.

Subcutaneous injection of DL-serine increases the number and size of renal tubular cell tumors in

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

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male W rats treated with 500 or 1,000 ppm N-ethyl-N-hydroxyethylnitrosamine[1].

[1]. Hiasa Y, et al. DL-Serine: promoting activity on renal tumorigenesis by N-ethyl-N-hydroxyethylnitrosamine in rats. J Natl Cancer Inst. 1984 Jul;73(1):297-9.

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