
Product Data Sheet

Product Name: 5-Fluorocytidine

Cat. No.: GC67623

Chemical Properties

Cas. No. 2341-22-2

Formula $C_9H_{12}FN_3O_5$

M.Wt 261.21

Solubility DMSO : 100 mg/mL (382.83 mM; Need ultrasonic)

Storage 4°C, stored under nitrogen

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**

5-Fluorocytidine is a member of cytidines, inhibits maturation of the 45S ribosomal RNA precursor^[1].

[1]. Grosso LE, et al. Alterations in the maturation and structure of ribosomal precursor RNA in Novikoff hepatoma cells induced by 5-fluorocytidine. *Biochemistry*. 1984 Jun 5;23(12):2651-6.

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

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