
Product Data Sheet

Product Name: L-Guanosine

Cat. No.: GC66622

Chemical Properties

Cas. No. 26578-09-6

Formula $C_{10}H_{13}N_5O_5$ M.Wt 283.24

Solubility DMSO : 100 mg/mL (353.06 mM; Need ultrasonic) Storage Store at -20°C

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**

L-Guanosine is the L-configuration of Guanosine . Guanosine is a purine nucleoside with anti-herpesvirus activity^{[1][2]}.

[1]. Du Y, et al. Chirality from D-guanosine to L-guanosine shapes a stable gel for three-dimensional cell culture. Chem Commun (Camb). 2021 Dec 3;57(96):12936-12939.

[2]. De Clercq E. Guanosine analogues as anti-herpesvirus agents. Nucleosides Nucleotides Nucleic Acids. 2000 Oct-Dec;19(10-12):1531-41.

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

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