
Product Data Sheet

Product Name: Xanthosine dihydrate

Cat. No.: GC67209

Chemical Properties

Cas. No. 5968-90-1

Formula $C_{10}H_{16}N_4O_8$ M.Wt 320.26

Solubility 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**

Xanthosine dihydrate is a nucleoside derived from xanthine and ribose. Xanthosine dihydrate can increase mammary stem cell population and milk production in cattle and goats^[1].

[1]. Choudhary S, et, al. Examination of the xanthosine response on gene expression of mammary epithelial cells using RNA-seq technology. J Anim Sci Technol. 2018 Jul 13;60:18.

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

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