
Product Data Sheet

Product Name: Vidarabine phosphate

Cat. No.: GC67195

Chemical Properties

Cas. No. 29984-33-6

Formula $C_{10}H_{14}N_5O_7P$

M.Wt 347.22

Solubility DMSO : 16.67 mg/mL (48.01 mM; ultrasonic and warming and heat to 60°C); H₂O : 4.9 mg/mL (14.11 mM; ultrasonic and warming and adjust pH to 7 with NaOH and heat to 60°C)

Store
Storage 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**

Vidarabine phosphate (Ara-AMP), an antiviral agent, inhibits chronic **HBV** infection^{[1][2]}. Vidarabine phosphate also against herpes simplex and varicella zoster viruses^[3].

[1]. A W Gough, et al. Comparison of the neonatal toxicity of two antiviral agents: vidarabine phosphate and cytarabine. Toxicol Appl Pharmacol. 1982 Oct;66(1):143-52.

[2]. C I Smith, et al. Vidarabine monophosphate and human leukocyte interferon in chronic hepatitis B infection. JAMA. 1982 Apr 23;247(16):2261-5.

[3]. D Kinchington. Recent advances in antiviral therapy. J Clin Pathol. 1999 Feb;52(2):89-94.

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

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