
Product Data Sheet

Product Name: Neamine
Cat. No.: GC69542

Chemical Properties

Cas. No. 3947-65-7

Formula $C_{12}H_{26}N_4O_6$ M.Wt 322.36

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Neamine, a degradation product of Neomycin, is a broad-spectrum aminoglycoside Had anti-tumor effects on AsPC-1 xenograft models.

[1]. Ya-Ping Liu, et al. Neamine Inhibits Growth of Pancreatic Cancer Cells in Vitro and in Vivo. J Huazhong Univ Sci Technolog Med Sci. 2016 Feb;36(1):82-87.

[2]. R Ning, et al. Neamine Induces Neuroprotection After Acute Ischemic Stroke in Type One Diabetic Rats. Neuroscience. 2014 Jan 17;257:76-85.

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

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