
Product Data Sheet

Product Name: NSC 107512

Cat. No.: GC63874

Chemical Properties

Cas. No. 22242-89-3

Formula C₁₂H₁₆N₆O₅ M.Wt 324.29

Solubility DMSO : 170 mg/mL (524.22 mM; Need ultrasonic) Storage Store at -20°C, protect from light, 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**

NSC 107512 is a potent inhibitor of cyclin-dependent kinase 9 (CDK9). NSC 107512 is a class of sangivamycin-like molecules (SLM). NSC 107512 inhibits growth and induces apoptosis of multiple myeloma tumors[1].

[1]. Dolloff NG, et al. Sangivamycin-like molecule 6 exhibits potent anti-multiple myeloma activity through inhibition of cyclin-dependent kinase-9. Mol Cancer Ther. 2012;11(11):2321-2330.

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

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