

Product Data Sheet

Product Name: POLYCYTIDYLIC ACID (5') POTASSIUM SALT

Cat. No.: GF04385

Chemical Properties

Cas. No. 26936-40-3

Formula C₉H₁₃KN₃O₈P

M.Wt 361.29

Solubility Storage -20 °C, sealed storage, away from moisture

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.

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

Polycytidylic acid potassium is an immunostimulant and synthetic double-stranded RNA. Polycytidylic acid potassium can be used experimentally to model viral infections in vivo. Polycytidylic acid potassium is a common tool in immune system research.

[1]. Marie-Eve Fortier, et al. The viral mimic, polyinosinic:polycytidylic acid, induces fever in rats via an interleukin-1-dependent mechanism. Am J Physiol Regul Integr Comp Physiol. 2004 Oct;287(4):R759-66.

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