

Product Data Sheet

Product Name: Streptokinase, from β -hemolytic Streptococcus (Lancefield Group C)

Cat. No.: GF03105

Chemical Properties

Cas. No. 9002-01-1

Formula $C_{11}H_{19}NO_2$

M.Wt 197.27

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

Streptokinase, β -hemolytic streptococcus (Lancefield Group C) is a bacteria-derived protein and a plasminogen activator. Streptokinase is widely used for the research of the blood-clotting disorders. Streptokinase improves reperfusion blood flow after coronary artery occlusion.

Streptokinase (6000 IU/kg in 3 ml of saline; intracoronary; infused at 0.05 ml/min for 60 minutes beginning 30 minutes before reperfusion) maintains reperfusion coronary blood flow through a critical

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

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stenosis at a rate similar to baseline levels^[2].

[1]. Vaughan DE, et al. Streptokinase-induced platelet aggregation. Prevalence and mechanism. Circulation. 1991;84(1):84-91.

[2]. Mickelson JK, et al. Streptokinase improves reperfusion blood flow after coronary artery occlusion. Int J Cardiol. 1989;23(3):373-384.

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