

Product Data Sheet

Product Name: Lactyl-CoA

Cat. No.: GC26266

Chemical Properties

Cas. No. 1926-57-4

Formula $C_{24}H_{40}N_7O_{18}P_3S$ M.Wt 839.60

Solubility DMSO : 100 mg/mL (119.10 mM; Need ultrasonic) H₂O : $\geq$ 50 mg/mL (59.55 mM)

Storage -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

Lactyl-CoA is an acyl-CoA formally condensed from the sulfhydryl group of CoA and the carboxyl group of lactic acid, also known as lactyl-CoA. Lactyl-CoA is essential for the biosynthesis of biodegradable and biocompatible lactic acid-based copolymers.

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

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