
Product Data Sheet

Product Name: Fosfomycin calcium

Cat. No.: GC25429

Chemical Properties

Cas. No. 26472-47-9

Formula C₃H₅O₄P.Ca

M.Wt 176.12

Solubility DMSO: 0.1 mg/mL (0.57 mM);Water: Insoluble; 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**

Fosfomycin (phosphomycin, phosphonomycin) is bactericidal and inhibits bacterial cell wall biogenesis by inactivating the enzyme UDP-N-acetylglucosamine-3-enolpyruvyltransferase, also known as MurA. It enters the bacterial cell through the glycerophosphate transporter.

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

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