
Product Data Sheet

Product Name: Sulfacytine

Cat. No.: GC69970

Chemical Properties

Cas. No. 17784-12-2

Formula $C_{12}H_{14}N_4O_3S$

M.Wt 294.33

Solubility DMSO : 125 mg/mL (424.69 mM; ultrasonic and warming and heat to 60°C)

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

Sulfacytine is a short-acting sulfonamide **antibiotic**. Sulfacytine is active against **bacteria** and is an effective agent for the research of acute uncomplicated urinary tract infections^[1].

Sulfacytine is rapidly absorbed and excreted in the urine almost entirely as the unchanged active form^[1].

[1]. J Hughes, et al. Sulfacytine: A New Sulfonamide. Double-blind Comparison With Sulfisoxazole in Acute Uncomplicated Urinary Tract Infections. J Urol. 1975 Dec;114(6):912-4.

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

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