

Product Data Sheet

Product Name: Aureothricin

Cat. No.: GC42875

Chemical Properties

Cas. No. 574-95-8

SMILES CN1C2=CSSC2=C(NC(CC)=O)C1=O

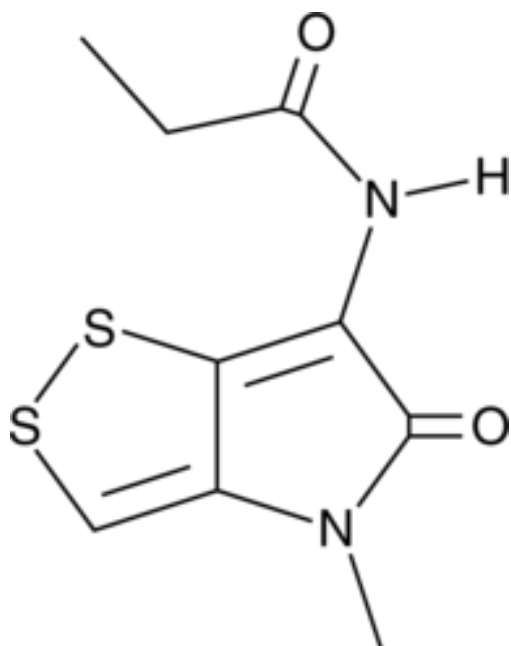
Formula C9H10N2O2S2 M.Wt 242.3

Solubility DMF: soluble, DMSO: soluble, Ethanol: partially soluble, Methanol: partially soluble
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 sizes: ship with RT, or blue ice upon request.

Structure



Background

Aureothricin is a dithiolopyrrolone antibiotic first isolated from *Streptomyces* sp. that exhibits broad-spectrum antimicrobial activity against many Gram-positive and Gram-negative bacteria, as well as

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

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strains of *M. tuberculosis*. It is also reported to inhibit tumor angiogenesis, blocking activity of the vitronectin receptor integrin $\alpha v \beta 3$ with an IC50 value of 1.1 μ M.

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