

Citrocin

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Citrocin is a potent inhibitor of bacterial RNA polymerase (RNAP). It exhibits significant inhibitory effects on Escherichia coli RNA polymerase, with a MIC range of 16–125 μ M. Citrocin specifically binds to RNA polymerase, inhibiting its activity and thus blocking the bacterial transcription process. It predominantly enters cells through the inner membrane protein SbmA. Citrocin holds potential for research on infections caused by Gram-negative bacteria, such as enterohemorrhagic E. coli.
Targets(IC50)	Antibacterial

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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