

Bacitracin Complex

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	Bacitracin complex is a bacitracin antibiotic complex composed of cyclic dipeptides that has been found in <i>Bacillus</i> . It is metal-dependent and is complexed to a divalent metal cation, such as Cu ²⁺ , Ni ²⁺ , Co ²⁺ , Zn ²⁺ , or Mn ²⁺ , for its activity. Bacitracin complex is a mixture of bacitracin polypeptides in complex with copper.
Targets(IC50)	Others

Reference

- Piacham, T., Isarankura-Na-Ayudhya, C., Nantasenamat, C., et al. Metalloantibiotic Mn(II)-bacitracin complex mimicking manganese superoxide dismutase *Biochem. Biophys. Res. Commun.* 341(4)925-930(2006)
- Rodríguez-Uribe, N.A., Pérez-González, R., Domínguez-Mendoza, B.E., et al. Metallobacitracins: Affinity and structural study in aqueous solution *Inorg. Chem. Commun.* 10461-70(2019)

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