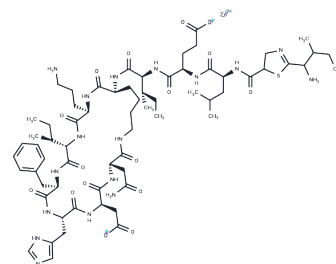


Bacitracin Zinc

Chemical Properties

CAS No. : 1405-89-6
 Formula: C₆₆H₁₀₁N₁₇O₁₆SZn
 Molecular Weight: 1486.07
 Appearance: no data available
 Storage: keep away from moisture
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Bacitracin Zinc is an antibiotic that interferes with the dephosphorylation of C55-isoprenyl pyrophosphate, interference for inhibition of cleavage of Tyr from Met-enkephalin(IC ₅₀ =10 μM).
Targets(IC ₅₀)	c-Met/HGFR,Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 67.3 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6729 mL	3.3646 mL	6.7292 mL
5 mM	0.1346 mL	0.6729 mL	1.3458 mL
10 mM	0.0673 mL	0.3365 mL	0.6729 mL
50 mM	0.0135 mL	0.0673 mL	0.1346 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Quinlan GJ, Gutteridge JM. Free Radic Res Commun. 1989;7(1):37-44.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481