

Cacaoidin

Chemical Properties

CAS No. :

Formula: C107H162N24O32S2

Molecular Weight: 2360.7

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	Cacaoidin, a glycosylated lantibiotic extracted from <i>Streptomyces cacaoi</i> , exhibits strong antibacterial effects against Gram-positive pathogens, notably <i>Clostridium difficile</i> [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4236 mL	2.118 mL	4.236 mL
5 mM	0.0847 mL	0.4236 mL	0.8472 mL
10 mM	0.0424 mL	0.2118 mL	0.4236 mL
50 mM	0.0085 mL	0.0424 mL	0.0847 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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: 34 Washington Street, Wellesley Hills, MA 02481