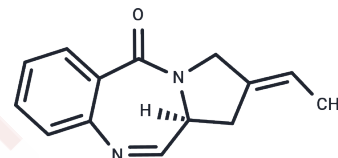


Prothracarcin

Chemical Properties

CAS No. : 81542-99-6
 Formula: C₁₄H₁₄N₂O
 Molecular Weight: 226.27
 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	Prothracarcin is an antibiotic with antitumor properties, exerting its cytotoxic effects on tumor cells by covalently bonding to the C-2 amino group of guanine residues in the DNA minor groove. Prothracarcin also exhibits antibacterial activity against certain Gram-positive bacteria and some Gram-negative bacteria, such as Escherichia coli (E. coli).
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4195 mL	22.0975 mL	44.195 mL
5 mM	0.8839 mL	4.4195 mL	8.839 mL
10 mM	0.4419 mL	2.2097 mL	4.4195 mL
50 mM	0.0884 mL	0.4419 mL	0.8839 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