

Pecilocin

Chemical Properties

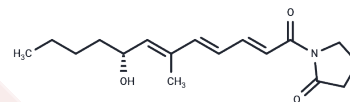
CAS No. : 19504-77-9

Formula: C₁₇H₂₅NO₃

Molecular Weight: 291.391

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	Pecilocin is a fungicidal antibiotic generated by <i>Paecilomyces varioti</i> Bainier var. <i>antibioticus</i> .
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4318 mL	17.1591 mL	34.3183 mL
5 mM	0.6864 mL	3.4318 mL	6.8637 mL
10 mM	0.3432 mL	1.7159 mL	3.4318 mL
50 mM	0.0686 mL	0.3432 mL	0.6864 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.

Reference

Harris C, Philpot CM. A comparative trial of chlorphenesin and pecilocin in a prison community. *Br J Clin Pract.* 1969 Nov;23(11):449-51. PubMed PMID: 4900295.

Norgaard O. [Pecilocin allergy]. *Hautarzt.* 1977 Jan;28(1):35-6. German. PubMed PMID: 138665.

Mizushina Y, Suzuki-Fukudome H, Takeuchi T, Takemoto K, Kuriyama I, Yoshida H, Kamisuki S, Sugawara F. Formosusin A, a novel specific inhibitor of mammalian DNA polymerase β from the fungus *Paecilomyces formosus*. *Bioorg Med Chem.* 2014 Feb 1;22(3):1070-6. doi: 10.1016/j.bmc.2013.12.038. Epub 2013 Dec 25. PubMed PMID: 24411199.

van Miert AS, van Soeren JH, Hagens FM. [Antimycotic antibiotics (author's transl)]. *Tijdschr Diergeneeskd.* 1976 Aug 15;101(16):900-4. Dutch. PubMed PMID: 1085044.

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