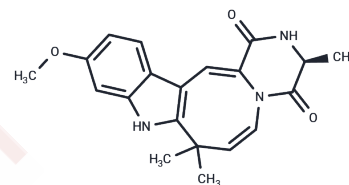


Cycloechinulin

Chemical Properties

CAS No. :	143086-29-7
Formula:	C ₂₀ H ₂₁ N ₃ O ₃
Molecular Weight:	351.406
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	Cycloechinulin, a diketopiperazine fungal metabolite originally isolated from <i>A. ochraceus</i> , reduces weight gain of corn earworms by 33% compared to controls when administered at a dietary dose of 100 ppm.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8457 mL	14.2284 mL	28.4568 mL
5 mM	0.5691 mL	2.8457 mL	5.6914 mL
10 mM	0.2846 mL	1.4228 mL	2.8457 mL
50 mM	0.0569 mL	0.2846 mL	0.5691 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

de Guzman, F.S., and Gloer, J.B. New diketopiperazine metabolites from the sclerotia of *Aspergillus ochraceus*. *J. Nat. Prod.* 55(7), 931-939 (1992).

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