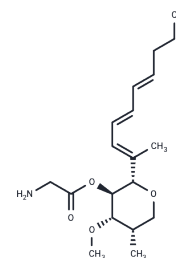


Restricticin

Chemical Properties

CAS No. :	135357-96-9
Formula:	C ₁₉ H ₃₁ N ₁ O ₄
Molecular Weight:	337.46
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	Restricticin is used as a naturally-occurring antifungal agent which contains triene, pyran and glycine ester functionalities.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9633 mL	14.8166 mL	29.6331 mL
5 mM	0.5927 mL	2.9633 mL	5.9266 mL
10 mM	0.2963 mL	1.4817 mL	2.9633 mL
50 mM	0.0593 mL	0.2963 mL	0.5927 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

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- VanMiddlesworth F, Milligan J, Bartizal K, Dufresne C, Onishi J, Abruzzo G, Patchett A, Wilson K. Carbazate as a glycine bioisostere in restricticin. *J Antibiot (Tokyo)*. 1996 Mar;49(3):329-31. PubMed PMID: 8626254.
- Tsukuda T, Watanabe M, Ontsuka H, Hattori K, Shirai M, Shimma N. Synthesis of novel antifungal agents (2). *Bioorg Med Chem Lett*. 1998 Jul 21;8(14):1825-8. PubMed PMID: 9873441.
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