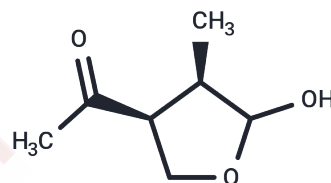


Botryodiplodin

Chemical Properties

CAS No. :	27098-03-9
Formula:	C7H12O3
Molecular Weight:	144.17
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	Botryodiplodin, an antibiotic, has antileukemic activity from Botryodiplodia theobromae. It has the property of turning the skin of the individual in various shades of pink 2-3 hrs after application. It is a toxic metabolite of Penicillium carneo-lutescens.
Targets(IC50)	Others,Antibacterial,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.9363 mL	34.6813 mL	69.3626 mL
5 mM	1.3873 mL	6.9363 mL	13.8725 mL
10 mM	0.6936 mL	3.4681 mL	6.9363 mL
50 mM	0.1387 mL	0.6936 mL	1.3873 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

- Moulé Y, Renauld F, Darracq N. Repair of DNA-protein cross-links induced by the mycotoxin botryodiplodin in mammalian cells. *Carcinogenesis*. 1984 Jul;5(7):907-10. PubMed PMID: 6733851.
- Moulé Y, Renauld F, Darracq N, Douce C. DNA-protein cross-linking by the mycotoxin, botryodiplodin, in mammalian cells. *Carcinogenesis*. 1982;3(2):211-4. PubMed PMID: 7067047.
- Fuska J, Proksa B, Uhrín D. The antibiotic PSX-1 produced by *Penicillium stipitatum* is identical with botryodiplodin. *Folia Microbiol (Praha)*. 1988;33(3):238-40. PubMed PMID: 3397011.
- Moulé Y, Douce C, Moreau S, Darracq N. Effects of the mycotoxin botryodiplodin on mammalian cells in culture. *Chem Biol Interact*. 1981 Oct;37(1-2):155-64. PubMed PMID: 7285241.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481