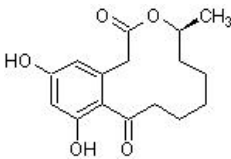


Product datasheet

Curvularin, Antibiotic agent ab144839

1 Image

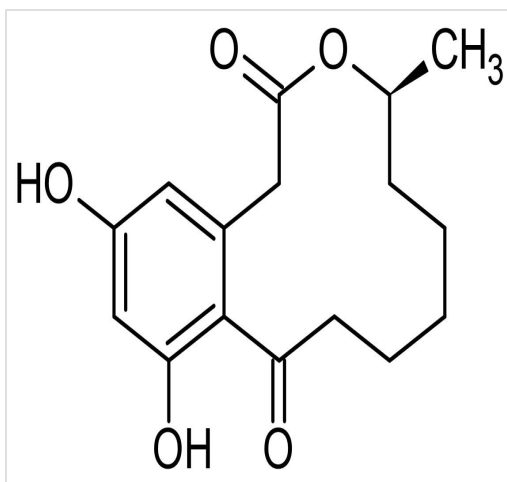
Overview

Product name	Curvularin, Antibiotic agent
Description	Antibiotic agent. JAK signal inhibitor.
Biological description	Antibiotic agent. Janus tyrosine kinase (JAK) signal inhibitor. Cell division inhibitor. AChE inhibitor. Inhibits iNOS and NOSII expression. Shows antibacterial, antifungal and antiprotozoal effects. Shows anti-inflammatory effects <i>in vivo</i> .
Purity	> 95%
CAS Number	10140-70-2
Chemical structure	

Properties

Chemical name	(5S)-13,15-Dihydroxy-5-methyl-4-oxabicyclo[10.4.0]hexadeca-1(12),13,15-triene-3,11-dione
Molecular weight	292.33
Molecular formula	C ₁₆ H ₂₀ O ₅
PubChem identifier	119418
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol and in DMSO
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>C[C@H]1CCCCC(=O)C2=C(C=C(C=C2CC(=O)O1)O)O</chem>
Source	<i>Penicillium sp.</i>

Images



2D chemical structure image of ab144839, Curvularin, Antibiotic agent

Chemical Structure - Curvularin, Antibiotic agent
(ab144839)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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