Product Data Sheet

Product Name: Bacillosporin C
Cat. No.: GC42895

Chemical Properties

Cas. No.	76706-63-3		
SMILES	O=C(C1=C(O)C=C(C)C2=C13)OC[C@]34[C@](OC5=C4C(O)=C6C7=C5C(C)=CC(O)=C7C(OC6)=O)(O)CC2=O		
Formula	C26H18O10	M.Wt	490.4
Solubility	DMF: soluble,DMSO: soluble,Ethanol: soluble,Methanol: soluble	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Caution: Product has not been fully validated for medical applications. For research use only.
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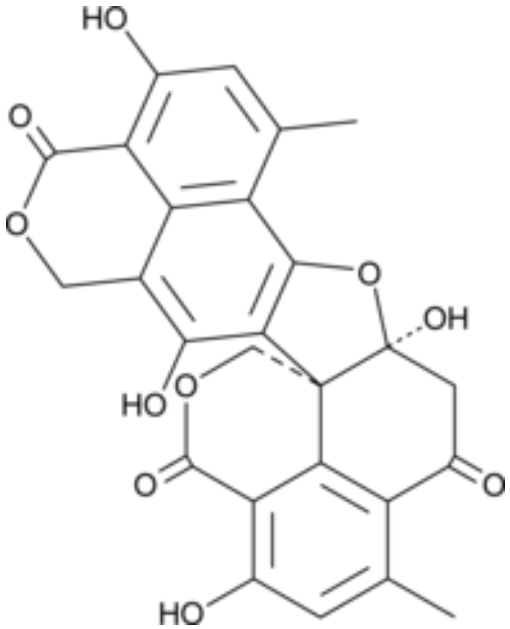
Structure



Background

Bacillosporin C is an oxaphenalenone dimer originally isolated from T. bacillosporus. Bacillosporin C, an anhydride, is formed from the lactone bacillosporin D in the mangrove endophytic fungus SBE-14. Similar oxaphenalenone dimers have antibiotic activity and inhibit acetylcholinesterase.