

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 sizes: ship with RT, or blue ice upon request.

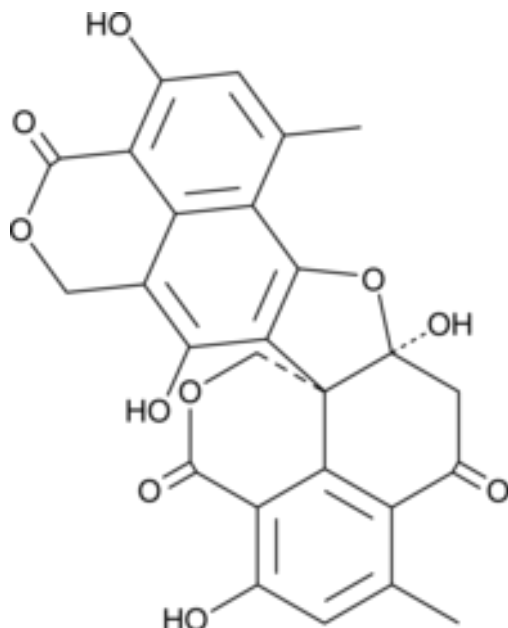
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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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.

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