

Product Data Sheet

Product Name: Byssochlamic Acid

Cat. No.: GC46973

Chemical Properties

Cas. No. 743-51-1

SMILES O=C(OC1=O)C2=C1C[C@H](CCC)C(C(O3)=O)=C(C[C@H](CC)C2)C3=O

Formula C₁₈H₂₀O₆

M.Wt 332.4

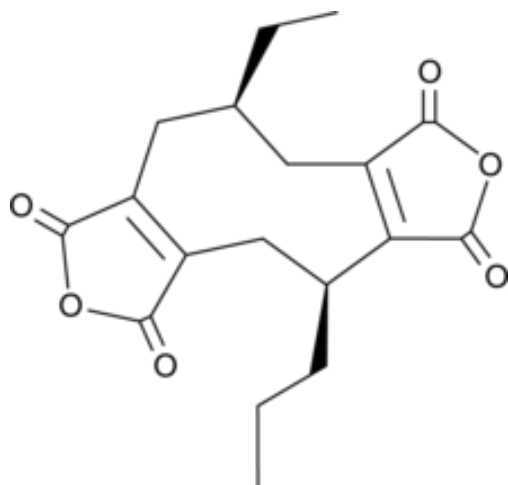
Solubility DMF: soluble, DMSO: soluble, Ethanol: soluble, Methanol: soluble

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.

Structure



Background

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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Byssochlamic acid is a mycotoxin that has been found in the agricultural fungal pathogen *B. fulva*.¹ It is lethal to mice (LD₅₀ = 94 mg/kg).

1. King, A.D., Jr., Booth, A.N., Stafford, A.E., et al. Byssochlamys fulva, metabolite toxicity in laboratory animals. *J. Food Sci.* 37(1):86-89 (2006)

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