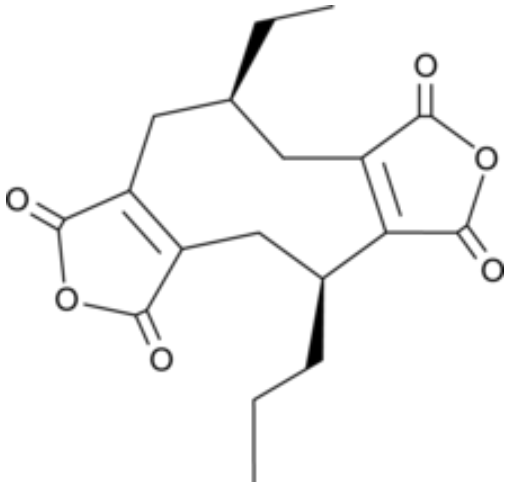
Product Data Sheet

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

Product Data Sheet

Byssochlamic acid is a mycotoxin that has been found in the agricultural fungal pathogen *B. fulva*.[1] It is lethal to mice (LD_{50} = 94 mg/kg).

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

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