

Product Data Sheet

Product Name: Cyclothiocurvularin A

Cat. No.: GC48559

Chemical Properties

Cas. No.

SMILES O[C@]1(C(O)=O)CS[C@]([C@@]21[H])([H])CCC[C@H](C)OC(CC3=CC(O)=CC(O)=C3C2=O)=O

Formula C₁₉H₂₂O₈S

M.Wt 410.4

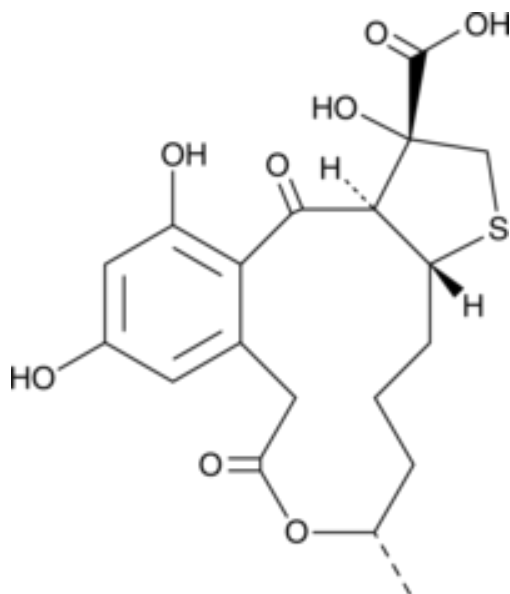
Solubility

Storage -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

Cyclothiocurvularin A is a macrocyclic polyketide that has been found in *Penicillium*.¹

1. de Castro, M.V., IÓca, L.P., Williams, D.E., et al. Condensation of macrocyclic polyketides produced by *Penicillium* sp. DRF2 with mercaptopyruvate represents a new fungal detoxification pathway. *J. Nat.*

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

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