

Product Data Sheet

Product Name: Cryptosporiopsin A

Cat. No.: GC91520

Chemical Properties

Cas. No. 1402990-52-6

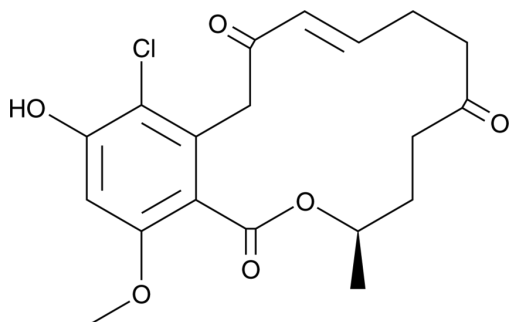
Formula $C_{19}H_{21}ClO_6$ M.Wt 380.8

Solubility Dichloromethane: Soluble, DMSO: Soluble, Ethanol: Soluble, Methanol: Soluble
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

Cryptosporiopsin A is a polyketide that has been found in *Cryptosporiopsis* and has antifungal activity.¹ It is active against the plant pathogenic fungus *P. viticola* when used at concentrations of 10, 25, or 50 µg/ml, as well as the plant pathogenic fungi *A. cochliodes*, *P. ultimum*, and *R. solani* (MICs = 20, 40, and 50 µg/ml, respectively).

References:

[1]. Talontsi, F.M., Facey, P., Tatong, M.D., et al. Zoosporicidal metabolites from an endophytic fungus *Cryptosporiopsis* sp. of *Zanthoxylum lepreurii* *Phytochemistry* 83:87-94 (2012).

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