

Product Data Sheet

Product Name: Alternapyrone

Cat. No.: GC48530

Chemical Properties

Cas. No. 676340-02-6

SMILES CCC(C)/C=C(C)/CCCC(C)/C=C(C)/C=C(C)/CC(C1=C(C(O)=C(C(O1)=O)C)C)C

Formula C₂₈H₄₄O₃

M.Wt 428.7

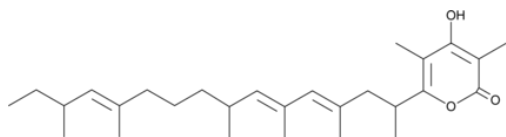
Solubility

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

Alternapyrone is a polyketide produced in *A. oryzae* heterologously expressing the *A. solani*-derived polyketide synthase gene *alt5*.¹

1. Fujii, I., Yoshida, N., Shimomaki, S., et al. An iterative type I polyketide synthase PKSN catalyzes synthesis of the decaketide alternapyrone with regio-specific octa-methylation. *Chem. Biol.* 12(12)1301-1309(2005)

Biol. 12(12)1301-1309(2005)

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