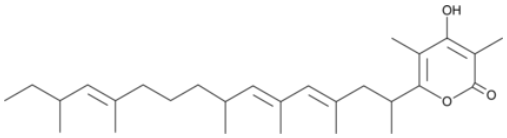
Product Data Sheet

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

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