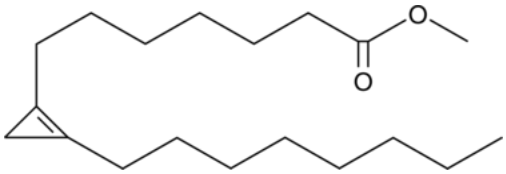
Product Data Sheet

Product Name: Malvalic Acid methyl ester
Cat. No.: GC44117

Chemical Properties

Cas. No.	5026-66-4		
SMILES	O=C(OC)CCCCCCC1=C(CCCCCCCC)C1		
Formula	C19H34O2	M.Wt	294.5
Solubility	Soluble in DMSO	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

Malvalic acid methyl ester is a naturally occurring cyclopropene fatty acid methyl ester that has been found in the roots and leaves of A. officinalis and E. sativa, respectively. It inhibits the growth of P. gossypiella, H. zea, and H. virescens larvae (ED50s = 0.27, 0.49, and 0.49% of diet, respectively).

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