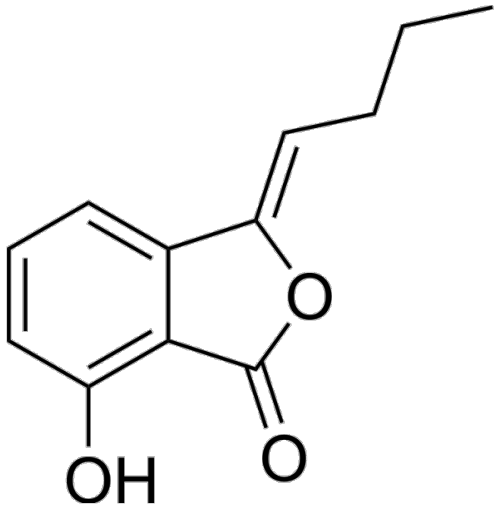
Product Data Sheet

Product Name: Senkyunolide B
Cat. No.: GC81672

Chemical Properties

Cas. No.	93236-67-0		
Formula	$C_{12}H_{12}O_3$	M.Wt	204.22
Solubility		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

Senkyunolide B is a phthalide found in Angelica sinensis. Senkyunolide B has broad antifungal activities. Senkyunolide B affects the spore germination and hyphae growth of Aspergillus fumigatus via down-regulating phosphatidylinositol-PKC-calcineurin axis and the expression of ENG genes [1].

References:

[1]. Tan J, et al. Senkyunolide B exhibits broad-spectrum antifungal activity against plant and human

pathogenic fungi via inhibiting spore germination and destroying the mature biofilm. Pest Manag Sci. 2023 Dec;79(12):4952-4963.