

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

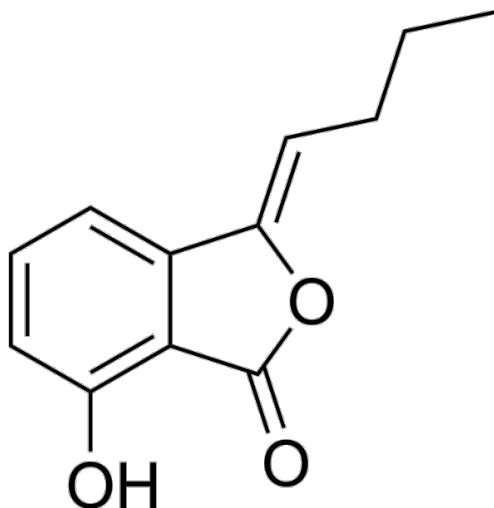
Solubility

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

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

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

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