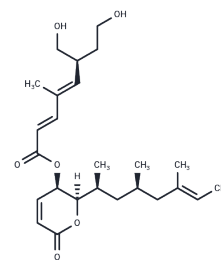


(-)-Rasfonin

Chemical Properties

CAS No. :	303156-68-5
Formula:	C ₂₅ H ₃₈ O ₆
Molecular Weight:	434.57
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	(-)-Rasfonin is a fungal metabolite found in <i>T. terrophilus</i> that inhibits the proliferation of mouse splenocytes induced by concanavalin A and LPS (IC ₅₀ s = 0.7 and 0.5 µg/ml, respectively).
Targets(IC ₅₀)	Apoptosis,Others,Autophagy,Ras

Solubility Information

Solubility	Ethanol: Soluble DMSO: 1 mg/mL (2.3 mM),Sonication is recommended. Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3011 mL	11.5056 mL	23.0113 mL
5 mM	0.4602 mL	2.3011 mL	4.6023 mL
10 mM	0.2301 mL	1.1506 mL	2.3011 mL
50 mM	0.046 mL	0.2301 mL	0.4602 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Fujimoto, H., Okamoto, Y., Sone, E., et al. Eleven new 2-pyrones from a fungi imperfecti, *Trichurus terrophilus*, found in a screening study guided by immunomodulatory activity. *Chem. Pharm. Bull. (Tokyo)* 53(8), 923-929 (2005).

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