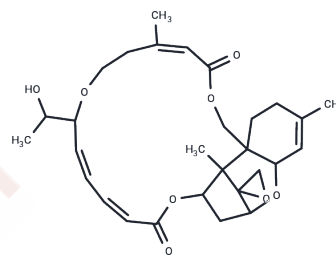


Roridin E

Chemical Properties

CAS No. :	16891-85-3
Formula:	C ₂₉ H ₃₈ O ₈
Molecular Weight:	514.61
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	Roridin E inhibits the receptor tyrosine kinases FGFR3, IGF-1R, PDGFR β , and TrkB (IC ₅₀ s = 0.4, 0.4, 1.4, and 1 μ M, respectively) and induces cytotoxicity in multiple breast cancer cell lines (IC ₅₀ s = 0.02-0.05 nM). It also inhibits proliferation in a panel of additional cancer cell lines (IC ₅₀ s = <0.01 μ M).
Targets(IC ₅₀)	Others,Antibiotic,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9432 mL	9.7161 mL	19.4322 mL
5 mM	0.3886 mL	1.9432 mL	3.8864 mL
10 mM	0.1943 mL	0.9716 mL	1.9432 mL
50 mM	0.0389 mL	0.1943 mL	0.3886 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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