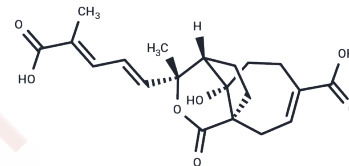


Demethoxydeacetoxypseudolaric acid B analog

Chemical Properties

CAS No. :	500736-17-4
Formula:	C ₂₀ H ₂₄ O ₇
Molecular Weight:	376.40
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	Demethoxydeacetoxypseudolaric acid B analog has potent activities against HMEC-1, HL-60, A-549, MB-MDA-468, BEL-7402, HCT116, and Hela cells with IC ₅₀ s ranging from 0.136 to 1.162 μM. and is semi-synthesized by efficient routines from Pseudolaric acid B.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6567 mL	13.2837 mL	26.5675 mL
5 mM	0.5313 mL	2.6567 mL	5.3135 mL
10 mM	0.2657 mL	1.3284 mL	2.6567 mL
50 mM	0.0531 mL	0.2657 mL	0.5313 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

Yang SP, et al. Structural modification of an angiogenesis inhibitor discovered from traditional Chinese medicine and a structure-activity relationship study. J Med Chem. 2008 Jan 10;51(1):77-85.

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