
Product Data Sheet

Product Name: Demethoxydeacetoxypseudolaric acid B analog

Cat. No.: GC38084

Chemical Properties

Cas. No. 500736-17-4

SMILES CC(O[C@@]1[C@@]3(CC=C(C(OCC)=O)CC2)C(O[C@@]1/C=C/C=C(C)/C(O)=O)(C)[C@]1([H])CC3)=O)=OFormula C₂₄H₃₀O₈ M.Wt 446.49

Solubility Soluble in DMSO 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**

Demethoxydeacetoxypseudolaric acid B analog (Compound 13b) is semi-synthesized by efficient routines from Pseudolaric acid B. It has potent activities against HMEC-1, HL-60, A-549, MB-MDA-468, BEL-7402, HCT116, and Hela cells with IC₅₀s ranging from 0.136 to 1.162 μM[1].

[1]. 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.

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

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