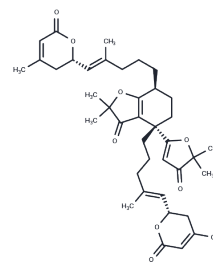


Aphadilactone C

Chemical Properties

CAS No. :	1522004-70-1
Formula:	C ₄₀ H ₅₂ O ₈
Molecular Weight:	660.84
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	Aphadilactone C shows significant antimalarial activity with the IC ₅₀ value of 170 ± 10 nM. It shows potent and selective inhibition against the diacylglycerol O-acyltransferase-1 (DGAT-1) enzyme (IC ₅₀ = 0.46 ± 0.09 μM, selectivity index > 217).
Targets(IC ₅₀)	Others,Acyltransferase,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5132 mL	7.5661 mL	15.1323 mL
5 mM	0.3026 mL	1.5132 mL	3.0265 mL
10 mM	0.1513 mL	0.7566 mL	1.5132 mL
50 mM	0.0303 mL	0.1513 mL	0.3026 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481