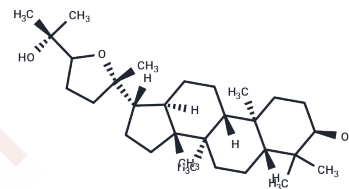


Cabraleadiol

Chemical Properties

CAS No. :	67253-01-4
Formula:	C30H52O3
Molecular Weight:	460.743
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	Cabraleadiol displays antimycobacterial activity against Mycobacterium tuberculosis, it also is weakly cytotoxic to a breast cancer (BC) cell line. Cabraleadiol inhibits photosystem II (PS II) and induces the appearance of small G band which is related with the decreased plastoquinone (PQ) pool reduction.
Targets(IC50)	ATPase, Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1704 mL	10.8521 mL	21.7042 mL
5 mM	0.4341 mL	2.1704 mL	4.3408 mL
10 mM	0.217 mL	1.0852 mL	2.1704 mL
50 mM	0.0434 mL	0.217 mL	0.4341 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

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