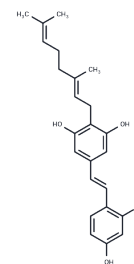


Chlorophorin

Chemical Properties

CAS No. :	537-41-7
Formula:	C ₂₄ H ₂₈ O ₄
Molecular Weight:	380.48
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	Chlorophorin shows high anti-protozoal activity with an MIC of 0.25 microg/ml. Chlorophorin can strongly inhibit mushroom tyrosinase activity with IC ₅₀ values of 2.5 ± 0.408 uM; it inhibits α-melanocyte-stimulating hormone-induced melanin production in B16F10 melanoma cells.
Targets(IC ₅₀)	Melanocortin Receptor, Antifection, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6283 mL	13.1413 mL	26.2826 mL
5 mM	0.5257 mL	2.6283 mL	5.2565 mL
10 mM	0.2628 mL	1.3141 mL	2.6283 mL
50 mM	0.0526 mL	0.2628 mL	0.5257 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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