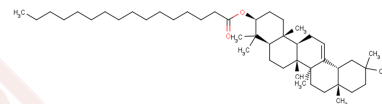


β -Amyrin palmitate

Chemical Properties

CAS No. :	5973-06-8
Formula:	C ₄₆ H ₈₀ O ₂
Molecular Weight:	665.14
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	Beta-Amyrin palmitate may release norepinephrine from newly synthesized pools, and thus, it may activate noradrenergic activity. Beta-Amyrin palmitate, like mianserin and imipramine, reduces the duration of immobility of mice significantly in a dose-dependent manner (5, 10 and 20 mg kg ⁻¹); (1)Beta-Amyrin palmitate or mianserin elicits a dose-related reduction in locomotor activity of mice and antagonizes locomotor stimulation induced by methamphetamine, imipramine increases locomotor activity and potentiates methamphetamine-induced hyperactivity; (2)Beta-Amyrin palmitate shows no effect on reserpine-induced hypothermia, whilst mianserin (10 mg kg ⁻¹) and imipramine (10 and 20 mg kg ⁻¹) antagonizes the reserpine-induced effect; (3)Beta-amyryn palmitate has similar properties in some respects to mianserin and might possess a sedative action.
Targets(IC50)	Others,HMG-CoA Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5034 mL	7.5172 mL	15.0344 mL
5 mM	0.3007 mL	1.5034 mL	3.0069 mL
10 mM	0.1503 mL	0.7517 mL	1.5034 mL
50 mM	0.0301 mL	0.1503 mL	0.3007 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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