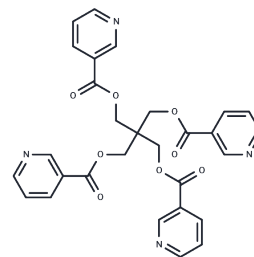


Niceritrol

Chemical Properties

CAS No. :	5868-05-3
Formula:	C ₂₉ H ₂₄ N ₄ O ₈
Molecular Weight:	556.52
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	Niceritrol (Cardiolipol) is a niacin ester that reduces cholesterol and triglycerides in total plasma and in the VLD and LD lipoprotein fractions.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 12 mg/mL (21.56 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7969 mL	8.9844 mL	17.9688 mL
5 mM	0.3594 mL	1.7969 mL	3.5938 mL
10 mM	0.1797 mL	0.8984 mL	1.7969 mL
50 mM	0.0359 mL	0.1797 mL	0.3594 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.

Reference

- Owada A, Suda S, Hata T. Antiproteinuric effect of niceritrol, a nicotinic acid derivative, in chronic renal disease with hyperlipidemia: a randomized trial. *Am J Med.* 2003 Apr 1;114(5):347-53.
- Yamamoto K, Fukushima N, Ozaki I, Setoguchi Y, Yanagita T, Sakai T. New combined therapy of niceritrol and probucol on heterozygous familial hypercholesterolemia. *Artery.* 1991;18(3):133-49.
- Kuboyama N, Watanabe Y, Yamaguchi M, Sato K, Suzuki T, Akiba T. Effects of niceritrol on faecal and urinary phosphate excretion in normal rats. *Nephrol Dial Transplant.* 1999 Mar;14(3):610-4.
- Nagakawa Y, Orimo H, Harasawa M. The anti-platelet effect of niceritrol in patients with arteriosclerosis and the relationship of the lipid-lowering effect to the anti-platelet effect. *Thromb Res.* 1985 Nov 15;40(4):543-53.

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