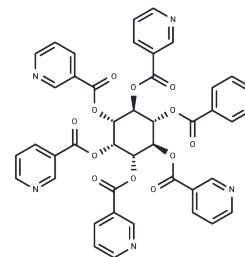


Inositol nicotinate

Chemical Properties

CAS No. :	6556-11-2
Formula:	C42H30N6O12
Molecular Weight:	810.72
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	Inositol nicotinate (Mesotal) has the effect of lowering cholesterol and expanding peripheral blood vessels for hypercholesterolemia and atherosclerosis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 0.01 mg/mL (0.01 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	1.2335 mL	6.1674 mL	12.3347 mL
5 mM	0.2467 mL	1.2335 mL	2.4669 mL
10 mM	0.1233 mL	0.6167 mL	1.2335 mL
50 mM	0.0247 mL	0.1233 mL	0.2467 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

- Milton, S., Robinson, K., Ma, J., Wei, B., Poon, I., & Liang, D. (2013). Biotransformation and pharmacokinetics of inositol hexanicotinate in rats. *Xenobiotica*, 43(9), 817-822. doi: 10.3109/00498254.2012.762591
- Garg, A., Sharma, A., Krishnamoorthy, P., Garg, J., Virmani, D., & Sharma, T. et al. (2017). Role of Niacin in Current Clinical Practice: A Systematic Review. *The American Journal Of Medicine*, 130(2), 173-187. doi: 10.12016/j.amjmed.2016.07.038

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