

Nicodan Percutan

Chemical Properties

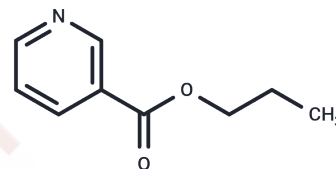
CAS No. : 7681-15-4

Formula: C₉H₁₁NO₂

Molecular Weight: 165.19

Storage: Keep away from direct sunlight, Store under nitrogen
 Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Nicodan Percutan (Propylnicotinat) is the propyl ester form of niacin, which is found in various animal and plant tissues to form the coenzymes NAD and NADP.
Targets(IC50)	Others, Endogenous Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (302.68 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	6.0536 mL	30.2682 mL	60.5364 mL
5 mM	1.2107 mL	6.0536 mL	12.1073 mL
10 mM	0.6054 mL	3.0268 mL	6.0536 mL
50 mM	0.1211 mL	0.6054 mL	1.2107 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

Waters LJ, Shahzad Y, Stephenson J. Modelling skin permeability with micellar liquid chromatography. *Eur J Pharm Sci.* 2013 Nov 20;50(3-4):335-40.

Marrero-Ponce Y, et al. Ligand-based virtual screening and in silico design of new antimalarial compounds using nonstochastic and stochastic total and atom-type quadratic maps. *J Chem Inf Model.* 2005 Jul-Aug;45(4):1082-100.

Marrero-Ponce Y, et al. Atom, atom-type, and total nonstochastic and stochastic quadratic fingerprints: a promising approach for modeling of antibacterial activity. *Bioorg Med Chem.* 2005 Apr 15;13(8):2881-99.

Salvi A, et al. Esterase-like activity of human serum albumin toward prodrug esters of nicotinic acid. *Drug Metab Dispos.* 1997 Apr;25(4):395-8.

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