

Nicotinic anhydride

Chemical Properties

CAS No. :	16837-38-0
Formula:	C ₁₂ H ₈ N ₂ O ₃
Molecular Weight:	228.203
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Nicotinic anhydride is an agent of biochemical.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3821 mL	21.9106 mL	43.8212 mL
5 mM	0.8764 mL	4.3821 mL	8.7642 mL
10 mM	0.4382 mL	2.1911 mL	4.3821 mL
50 mM	0.0876 mL	0.4382 mL	0.8764 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

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- Longstreet AR, Campbell BS, Gupton BF, McQuade DT. Improved synthesis of mono- and disubstituted 2-halonicotinonitriles from alkylidene malononitriles. *Org Lett.* 2013 Oct 18;15(20):5298-301. doi: 10.1021/ol4025265. Epub 2013 Oct 4. PubMed PMID: 24093933.
- Nakamura T, Chu X, Shimasaki T, Shibata M. Organogelation behavior and thermal properties of supramolecular polymer network composed of carboxy- and pyridyl-terminated 4-arm star-shaped ϵ -caprolactone oligomers. *J Colloid Interface Sci.* 2013 Aug 15;404:8-15. doi: 10.1016/j.jcis.2013.04.039. Epub 2013 May 1. PubMed PMID: 23684230.
- Qi H, Liu X, Zhang J, Duan Y, Wang X, Zhang Q. Synthesis and antihyperlipidemic activity of acetylated derivative of ulvan from *Ulva pertusa*. *Int J Biol Macromol.* 2012 Jan 1;50(1):270-2. doi: 10.1016/j.ijbiomac.2011.11.006. Epub 2011 Nov 17. PubMed PMID: 22115715.

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